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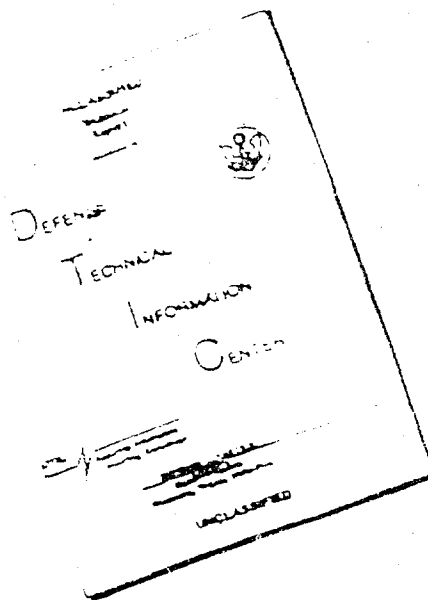
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NWC TP 5039

Part 2

AD905901

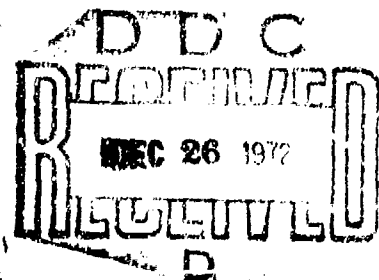
Measured Temperatures of Solid Rocket Motors Dump Stored in the Tropics and Desert

Part 2. Data Sample

by

Howard C. Schafer

Propulsion Development Department



Naval Weapons Center



CHINA LAKE, CALIFORNIA 93555 NOVEMBER 1972

Distribution limited to U.S. Government agencies only; test and evaluation, 15 November 1972. Other requests for this document must be referred to the Naval Weapons Center.

ABSTRACT

Measurement sites were established at worldwide locations to obtain empirical data that could be used to more accurately predict the thermal environment of dump-stored ordnance. Data obtained from measurement sites in the desert and tropics on solid rocket motors are presented along with an analysis of the data. The data are presented in terms of cumulative probability, maximum-minimum daily temperatures, and in a few cases as diurnal cycles. Part 1 of the report contains a summary of the results and a discussion of the general philosophy regarding the work. Part 2 is a compilation of some of the NWC data runs, exact evidence from which Part 1 is drawn; and will be of interest to only the serious investigator. This effort is not the final word on the NWC investigation, only a sample of the vast information available from this source.

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Naval Weapons Center

AN ACTIVITY OF THE NAVAL MATERIAL COMMAND

W. J. Moran, RADM, USN Commander

H. G. Wilson Technical Director

FOREWORD

This report covers part of a continuing effort to determine the thermal environment of dump stored ordnance. Part 1 contains a summary of the results and Part 2 a sample of the raw data obtained by the Naval Weapons Center (NWC), China Lake, California. This work is sponsored by the Naval Air Systems Command under AirTask F 00-311-008.

Warren W. Oshel of NWC has reviewed this report for technical accuracy.

Released by
C. MAPLES, *Head*
Quality Assurance Division
15 November 1972

Under authority of
G. W. LEONARD, *Head*
Propulsion Development Department

ACKNOWLEDGEMENT

A major portion of the credit for the success of this report is due to the efforts of Mr. Billy D. Martin who developed instrumentation repair and failure prediction methods that kept recorder breakdown at a minimum during the long periods of unattended operation. Also appreciated is the effort of Mr. Rolland J. Morey for his assistance in editing and presenting the material in this report.

The effort of many organizations has been, and is paramount in an undertaking of this type. The efforts of the Mine and Torpedo Division of the Naval Magazine, Subic Bay; the U.S. Army Tropic Test Center of TECOM; and the Instrumentation Branch at NWC are only the major contributors of the technician talent necessary to assure that the data continues to be provided.

INTRODUCTION

This document (Part 2) is presented to provide a sample of the data that was used as the basis for the results presented in Part 1. Since no other published data could be found on dump storage of ordnance, it was believed appropriate to provide this limited sample for the serious student.

These data are from measurements on a 12-inch-diameter and an 8-inch-diameter rocket motor, and are representative of an enormous amount of raw data at NWC. These two rocket motors are dump-stored in the desert and the data are considered representative of maximum high temperature storage conditions.

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ASROC MOTOR IN CONTAINER CHANNEL 20

TOP OF THE OUTSIDE CONTAINER SKIN

YEAR IS 1970. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	64	63	62	57	57	56	56	70	103	131	143	141	152	149	145	139	134	121	110	100	90	72	69	65	54	152
2	65	63	60	54	54	53	53	71	103	134	144	144	144	144	144	144	144	134	114	107	97	79	74	72	53	155
3	75	64	62	61	50	50	40	70	103	143	153	150	120	136	162	155	144	134	110	100	80	53	73	74	53	154
4	74	74	72	72	70	70	64	82	105	135	143	143	140	145	143	143	143	143	143	143	143	143	143	143	143	143
5	78	73	70	60	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	
6	77	74	71	73	60	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	
7	73	72	70	64	64	61	63	80	119	142	150	142	157	145	145	145	145	145	145	145	145	145	145	145	145	
8	74	74	72	73	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	
9	64	64	63	61	61	61	62	60	60	102	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124
10	63	62	61	60	61	62	62	75	90	95	101	100	118	124	122	124	124	124	124	124	124	124	124	124	124	124
11	61	61	60	59	58	54	57	70	104	122	141	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
12	63	63	61	61	60	60	60	72	104	123	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
13	60	57	54	54	54	54	54	64	82	103	114	120	125	125	125	125	125	125	125	125	125	125	125	125	125	125
14	57	57	51	52	50	51	43	64	84	113	120	124	127	124	124	124	124	124	124	124	124	124	124	124	124	124
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16	55	61	61	60	57	54	57	71	100	122	130	142	140	140	140	140	140	140	140	140	140	140	140	140	140	140
17	65	64	60	54	53	53	54	60	107	120	130	145	142	144	140	141	141	141	141	141	141	141	141	141	141	141
18	62	61	60	50	50	54	57	73	110	136	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
19	70	70	62	61	59	60	60	74	119	141	156	140	143	143	143	143	143	143	143	143	143	143	143	143	143	143
20	75	76	72	74	70	64	60	80	117	140	154	147	144	144	144	144	144	144	144	144	144	144	144	144	144	144
21	60	61	60	70	74	74	72	85	127	142	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146
22	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
23	75	70	60	64	63	61	63	77	118	143	153	161	147	147	147	147	147	147	147	147	147	147	147	147	147	147
24	74	73	74	64	70	64	62	77	118	142	155	147	146	146	146	146	146	146	146	146	146	146	146	146	146	146
25	70	72	74	72	72	70	71	82	120	140	142	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
26	60	61	70	74	72	72	72	84	125	145	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
27	75	74	72	68	70	64	65	71	90	113	131	127	134	130	130	130	130	130	130	130	130	130	130	130	130	130
28	60	60	64	62	62	61	62	70	110	133	141	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
29	67	65	64	63	63	61	62	63	68	123	132	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
30	61	67	64	64	62	62	62	61	61	113	130	145	144	144	144	144	144	144	144	144	144	144	144	144	144	144

SEA SURFACE TEMPERATURE IS 60.2 STATION DEVIATION IS 0.61
 SEA SURFACE TEMPERATURE IS 147.6 STATION DEVIATION IS 13.81

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ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER C&IN

YEAR IS 1970, MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT FOUR WHICH IS
 DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MAX	MIN
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2	75	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23	20	17	14	11	8	5	2	0	-2	-4	-6	-8	-10	-12	-14
3	86	84	80	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	15	12	9	6	3	0	-3	-6	-9
4	93	91	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	15	12	9	6	3	0	-3
5	94	92	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22	19	16	13	10	7	4	1	-2
6	95	93	89	86	83	80	77	74	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23	20	17	14	11	8	5	2	-1
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8	97	95	91	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22	19	16	13	10	7	4	1
9	98	96	92	89	86	83	80	77	74	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23	20	17	14	11	8	5	2
10	99	97	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	15	12	9	6	3
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16	105	103	99	96	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	15	12	9
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18	107	105	101	98	95	92	89	86	83	80	77	74	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23	20	17	14	11
19	108	106	102	99	96	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	15	12
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22	111	109	105	102	99	96	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	15
23	112	110	106	103	100	97	94	91	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22	19	16
24	113	111	107	104	101	98	95	92	89	86	83	80	77	74	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23	20	17
25	114	112	108	105	102	99	96	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21	18
26	115	113	109	106	103	100	97	94	91	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22	19
27	116	114	110	107	104	101	98	95	92	89	86	83	80	77	74	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23	20
28	117	115	111	108	105	102	99	96	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24	21
29	118	116	112	109	106	103	100	97	94	91	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22
30	119	117	113	110	107	104	101	98	95	92	89	86	83	80	77	74	71	68	65	62	59	56	53	50	47	44	41	38	35	32	29	26	23
31	120	118	114	111	108	105	102	99	96	93	90	87	84	81	78	75	72	69	66	63	60	57	54	51	48	45	42	39	36	33	30	27	24

MINIMUM TEMPERATURE IS 70.0 STANDARD DEVIATION IS 3.0
 MAXIMUM TEMPERATURE IS 145.0 STANDARD DEVIATION IS 7.0

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ASROC ALT-12 IN CONTAINER CHANNEL 29

TOW CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1970, MONTH IS 8.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	73	70	67	63	61	62	60	58	74	115	129	142	150	153	161	166	169	166	125	116	104	89	85	84	82	59	164
2	73	70	66	63	61	60	58	57	102	134	135	155	165	166	170	153	141	137	131	117	105	91	87	83	81	58	170
3	77	71	70	65	64	64	62	61	113	134	155	161	164	165	168	166	144	133	119	107	89	84	87	84	82	56	166
4	95	82	77	76	73	73	70	69	100	134	137	156	157	155	156	150	135	130	120	95	87	84	82	80	78	70	157
5	70	76	73	74	69	60	67	62	122	155	150	162	160	150	162	150	142	123	115	103	91	87	84	81	87	67	162
6	75	74	71	70	68	68	66	64	114	161	150	171	167	161	164	152	150	139	120	109	97	84	87	82	82	56	171
7	90	79	72	70	70	69	66	64	105	129	129	170	176	154	164	151	143	127	117	107	94	89	87	82	82	56	175
8	83	75	76	74	72	73	67	66	117	142	147	158	167	164	160	152	136	126	115	104	90	77	92	79	87	57	154
9	72	74	69	63	62	60	59	64	111	146	157	168	172	165	162	155	145	134	123	110	96	84	84	81	84	58	172
10	80	78	74	71	69	67	67	117	136	154	166	170	163	172	165	162	149	141	126	113	97	84	84	84	84	57	172
11	87	88	81	79	74	73	71	70	114	137	166	159	161	165	162	161	144	132	126	109	93	83	91	84	84	71	155
12	81	84	84	82	78	75	75	88	114	134	152	161	167	165	160	154	141	125	120	104	84	84	81	87	84	75	164
13	95	82	79	77	75	72	72	69	115	137	149	165	165	161	159	153	141	128	123	101	84	81	85	84	84	72	152
14	82	71	81	77	74	71	74	65	106	127	141	159	162	162	162	147	127	120	113	102	89	84	87	82	84	79	144
15	82	75	77	72	72	69	69	62	114	128	131	143	160	163	155	151	143	117	113	104	93	84	84	84	84	59	164
16	83	82	74	74	70	72	70	72	118	131	145	155	161	162	152	147	144	141	137	131	113	102	89	84	84	74	161
17	78	74	74	74	72	70	69	67	117	137	137	152	152	152	147	144	141	137	131	113	102	89	84	84	84	58	153
18	80	77	75	73	71	71	66	66	106	122	132	154	161	163	163	143	135	125	113	106	93	87	85	80	84	71	152
19	74	74	72	70	68	67	69	68	122	141	145	153	163	164	164	145	140	124	112	99	89	85	84	84	84	57	154
20	83	73	74	72	69	65	65	66	122	143	153	165	165	167	164	160	145	137	112	94	84	84	84	84	84	54	157
21	70	73	70	67	65	63	63	60	104	133	152	160	167	163	154	145	131	128	115	102	84	84	84	84	84	61	153
22	77	74	70	67	65	63	62	60	105	135	153	160	167	165	162	150	144	126	117	101	84	84	84	84	84	63	167
23	75	77	73	70	73	69	68	66	107	137	150	166	164	164	162	152	147	127	116	101	87	84	84	84	84	62	163
24	73	77	73	71	69	66	66	69	106	140	154	164	164	164	164	164	164	164	164	164	82	84	84	84	84	62	163
25	86	85	84	82	80	78	75	75	104	132	157	161	160	161	155	145	132	123	111	99	81	84	84	84	84	75	160
26	89	81	79	75	72	70	70	68	105	115	145	157	160	160	160	160	160	160	160	160	80	84	84	84	84	70	154
27	82	81	80	81	80	79	78	76	95	127	143	150	145	141	137	142	113	115	94	84	81	87	84	82	84	73	151
28	82	74	77	75	72	71	73	69	103	133	150	160	164	164	164	164	164	164	164	164	87	84	84	84	84	73	163
29	82	83	76	72	70	69	74	74	94	112	132	143	154	154	154	154	154	154	154	154	81	84	84	84	84	63	156
30	87	75	72	71	70	69	68	65	95	134	146	152	153	161	161	161	161	161	161	161	84	84	84	84	84	65	162
31	76	72	71	69	67	64	61	72	94	124	140	146	146	151	167	155	146	135	125	116	107	85	84	84	84	61	155

DAY OF MONTH DESIGNATED IS 47,6 START OF OBSERVATION IS 47,6
 DAY OF MONTH DESIGNATED IS 10,4,6 START OF OBSERVATION IS 5,23

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ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1970. MONTH IS 9.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS
 DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	72	71	69	64	63	58	78	61	120	146	158	156	157	146	137	120	107	93	43	79	75	75	58	158	58
2	64	63	64	61	59	57	54	72	87	130	139	153	157	158	144	141	128	113	103	91	80	73	76	76	54
3	74	70	64	58	54	52	53	70	85	120	134	148	157	160	147	135	130	115	102	87	80	75	73	71	53
4	71	70	68	68	68	64	67	76	83	131	121	128	128	125	134	125	110	101	93	80	75	71	70	69	56
5	67	64	63	61	59	57	61	74	116	132	140	145	138	134	121	114	109	90	75	64	51	58	54	54	145
6	55	55	53	50	50	48	48	60	73	124	136	143	146	151	141	137	124	116	104	95	73	71	69	68	62
7	66	62	60	58	54	54	56	65	77	124	139	144	148	152	150	140	124	121	100	92	71	78	76	72	54
8	69	66	64	62	60	59	57	60	78	128	141	148	150	151	147	139	130	118	107	92	84	80	74	77	57
9	72	68	65	63	61	60	59	70	77	131	145	157	155	160	147	145	137	122	113	92	82	77	76	72	59
10	73	70	70	66	62	62	61	73	81	131	148	161	145	153	154	162	136	123	113	93	87	82	79	74	61
11	75	77	74	71	70	65	62	73	81	133	151	158	160	165	148	135	123	113	103	90	85	82	77	72	67
12	75	77	73	72	74	70	62	71	82	115	124	129	129	126	124	121	115	98	95	81	72	76	73	73	62
13	73	72	70	65	65	61	58	71	75	100	112	108	123	120	117	111	102	85	84	74	60	67	65	65	61
14	62	60	59	53	51	47	45	52	64	114	132	141	147	143	139	128	112	104	92	73	68	62	60	62	65
15	62	59	52	51	43	45	45	51	65	115	137	148	160	140	130	124	119	107	94	74	68	62	60	62	65
16	56	53	53	52	50	47	51	57	68	117	141	143	146	142	130	122	119	110	98	76	68	64	61	61	65
17	55	55	52	51	51	48	51	55	68	116	130	143	157	153	140	134	129	115	100	74	73	70	64	61	65
18	41	58	56	55	52	51	49	56	70	110	130	140	150	143	134	130	119	108	95	80	74	73	71	64	65
19	70	60	48	45	43	42	40	40	50	107	118	123	128	129	123	114	104	97	84	76	73	72	70	64	60
20	67	68	68	66	64	61	60	61	70	109	128	141	137	125	119	115	100	87	73	69	67	65	65	60	60
21	50	56	52	52	50	50	47	53	66	113	134	141	143	142	133	123	111	96	85	73	67	63	60	60	60
22	58	57	56	54	50	53	40	54	67	117	130	121	126	125	110	121	113	100	91	69	63	59	53	47	44
23	53	51	50	46	45	45	42	51	63	113	134	145	144	136	134	125	114	103	91	72	75	73	71	60	49
24	43	57	56	54	52	51	49	51	68	114	130	147	151	144	145	130	121	109	98	76	72	67	68	42	44
25	43	43	41	41	54	50	45	50	68	115	114	113	116	117	114	104	95	80	61	57	54	49	50	49	49
26	46	46	42	42	41	41	41	43	60	112	135	129	140	125	124	115	107	94	88	62	61	58	57	56	41
27	53	50	50	48	45	42	43	47	63	113	134	144	134	135	132	120	103	100	90	71	64	62	59	40	43
28	56	52	51	47	47	46	48	64	113	134	144	134	135	132	120	103	100	90	71	64	62	59	40	43	44
29	57	54	52	52	52	49	48	68	111	131	130	132	129	150	135	124	110	90	80	74	69	65	63	48	46
30	61	57	58	55	54	54	51	52	66	103	132	141	149	147	134	126	112	107	96	75	74	70	67	64	51

MEAN MINIMUM TEMPERATURE IS 59.4 STANDARD DEVIATION IS 4.83
 MEAN MAXIMUM TEMPERATURE IS 144.2 STANDARD DEVIATION IS 11.51

Part 2

ASROC MOTOR IN CONTAINER CHANNEL 20

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1970. MONTH IS 10.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES F. PRESENT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	65	63	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10
2	64	62	55	53	51	49	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9
3	73	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47
4	64	63	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12
5	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38
6	69	67	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42
7	63	62	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39
8	64	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37
9	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42
10	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37
11	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
12	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30
13	53	51	53	51	49	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7
14	53	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4
15	56	53	52	50	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5
16	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
17	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	-1	-3
18	46	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19
19	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
20	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	-1	-3
21	57	55	53	51	49	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7
22	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6
23	43	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
24	50	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	-1
25	42	41	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18
26	46	47	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24
27	30	34	33	32	30	27	24	21	18	15	12	9	6	3	0	-3	-6	-9	-12	-15	-18	-21	-24	-27	-30	-33
28	31	26	26	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4
29	31	31	29	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
30	36	33	33	31	28	27	26	24	22	20	18	16	14	12	10	8	6	4	2	0	-2	-4	-6	-8	-10	-12

MEAN MINIMUM TEMPERATURE IS 43.6 STANDARD DEVIATION IS 10.22

MEAN MAXIMUM TEMPERATURE IS 120.6 STANDARD DEVIATION IS 13.04

ASROC MOTOR IN CONTAINER...CHANNEL 29.

...TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1970, MONTH IS 11.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	***	***	***	***	***	***	***	***	***	***	47	72	97	108	120	114	108	91	75	68	61	55	50	48	47	120
2	47	46	46	43	40	39	38	35	33	33	51	69	89	110	111	112	106	100	92	85	78	72	68	64	62	33
3	60	58	56	56	55	54	53	53	53	53	58	64	66	65	66	66	66	67	68	65	63	61	60	59	53	
4	59	58	58	58	58	58	59	58	57	58	60	66	72	77	82	82	83	80	78	75	73	70	67	65	57	
5	64	63	62	61	60	59	59	59	59	58	58	63	68	72	77	84	91	81	72	64	57	52	58	56	56	
6	55	54	54	52	50	49	49	48	48	48	56	65	75	86	100	114	106	99	89	80	67	54	51	49	47	
7	46	43	40	38	37	35	34	33	32	32	52	73	92	111	113	115	108	102	91	80	66	52	49	46	44	
8	43	43	44	43	42	40	38	37	37	37	54	72	91	111	114	118	109	100	90	81	68	56	53	50	48	
9	47	46	46	44	43	42	41	39	37	35	74	91	108	115	122	113	105	94	83	69	55	52	50	48	37	
10	47	45	44	42	41	41	41	40	39	43	47	77	107	113	120	108	97	88	80	72	64	61	59	58	39	
11	58	58	58	57	57	60	63	60	58	62	67	76	85	94	104	95	87	78	70	62	55	52	50	46	44	
12	42	40	38	37	36	34	34	33	31	53	75	90	106	104	102	95	88	80	73	61	50	46	42	41	31	
13	41	41	42	41	40	40	41	38	36	55	74	89	104	105	106	97	88	80	72	59	46	45	44	43	36	
14	42	39	36	34	33	31	30	29	29	51	73	87	107	107	112	102	93	80	68	51	35	37	39	38	29	
15	37	35	33	32	31	29	28	27	27	47	68	81	94	103	112	103	94	85	76	61	47	44	42	39	27	
16	36	34	33	32	31	30	30	30	33	36	50	64	84	104	108	112	103	94	86	79	63	48	46	44	41	
17	39	39	39	39	39	39	39	39	39	39	50	73	88	103	104	106	99	92	82	73	60	47	46	45	41	
18	38	37	36	34	32	32	32	32	32	32	50	73	88	103	104	106	99	92	82	73	60	47	46	45	41	
19	38	36	35	33	31	30	30	29	29	35	42	71	100	105	111	103	95	85	75	61	48	41	34	35	29	
20	36	35	35	33	31	30	29	28	27	37	48	72	96	100	104	100	97	85	74	55	36	38	41	39	27	
21	38	36	34	33	32	31	30	29	28	41	55	75	96	102	108	101	94	85	76	62	49	48	47	44	28	
22	41	39	37	36	34	33	32	32	32	44	56	76	97	101	106	102	99	88	78	64	50	47	45	43	32	
23	41	39	38	37	37	35	33	32	31	45	59	80	102	109	116	106	97	86	76	63	50	55	61	50	31	
24	58	54	51	55	60	40	61	62	64	67	70	82	95	92	89	85	81	74	68	64	61	60	60	58	51	
25	56	55	55	54	53	52	51	50	49	56	63	70	78	82	87	81	76	68	60	55	50	48	46	45	45	
26	45	42	40	38	36	34	32	30	28	43	59	74	90	90	91	86	81	71	62	53	44	44	44	41	28	
27	38	39	40	39	39	38	38	37	37	41	45	54	64	76	89	78	68	60	53	51	49	47	45	44	37	
28	44	43	43	43	44	44	44	44	44	45	46	49	52	51	51	51	51	49	48	45	43	41	39	39	39	
29	40	39	39	40	41	40	39	40	41	48	56	65	74	77	80	77	74	66	58	53	47	46	45	45	39	

MEAN MINIMUM TEMPERATURE IS 37.3
 MEAN MAXIMUM TEMPERATURE IS 102.5
 STANDARD DEVIATION IS 9.16
 STANDARD DEVIATION IS 16.58

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permit fully legible reproduction

ASROC MOTOR IN CONTAINER CHANNEL 29
TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1970. MONTH IS 12.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS
INDICATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	46	45	44	43	42	40	39	36	34	46	58	69	80	87	95	83	71	66	62	55	48	46	45	44	34	95
2	43	43	44	44	45	45	45	43	43	51	60	68	77	76	75	67	60	57	55	49	43	42	41	41	41	77
3	41	40	39	36	33	31	30	28	28	38	49	70	91	94	102	94	87	76	66	53	40	39	38	35	28	102
4	39	31	31	30	30	29	29	29	29	34	30	45	92	91	91	88	85	75	65	53	41	39	38	38	29	92
5	39	35	32	32	32	30	29	28	27	38	50	70	90	98	106	99	93	82	72	57	43	41	39	37	27	106
6	34	34	33	32	32	30	29	29	29	35	41	53	65	79	93	92	92	82	72	57	43	40	37	36	29	93
7	34	35	34	33	32	33	34	32	31	34	38	48	60	95	92	87	82	72	59	46	43	40	40	31	99	
8	40	38	36	34	33	32	31	30	30	37	45	70	96	100	104	96	88	78	69	62	56	55	54	54	30	104
9	55	54	54	54	54	53	52	52	52	52	52	45	79	82	85	83	81	73	66	57	48	47	46	41	41	85
10	37	36	36	34	32	31	30	29	28	40	52	71	91	93	96	88	81	74	68	54	40	37	35	32	28	96
11	30	29	28	28	29	26	24	24	24	36	49	57	65	82	100	93	87	78	69	54	40	37	34	31	24	100
12	20	28	28	26	25	24	23	23	23	34	46	64	87	95	104	97	90	77	65	53	42	39	36	33	23	104
13	31	29	27	27	27	25	24	23	23	32	42	64	86	94	102	93	84	74	65	53	41	42	44	40	23	102
14	36	36	37	36	35	35	35	32	29	28	28	58	88	85	83	77	71	69	67	54	41	39	38	36	28	88
15	35	32	30	29	29	28	27	26	25	32	39	58	77	74	76	77	68	59	48	37	35	33	32	25	77	77
16	31	31	31	30	30	29	29	29	30	41	52	64	74	67	59	64	69	61	53	50	48	47	46	43	29	76
17	41	40	39	41	43	40	38	36	35	41	47	58	69	71	73	67	62	56	50	44	38	38	36	35	35	73
18	35	35	35	33	31	29	27	26	25	36	48	53	58	65	72	65	58	53	48	44	41	40	39	39	25	72
19	39	39	37	35	33	31	29	28	27	33	33	33	38	43	53	64	55	46	41	37	36	36	36	33	33	64
20	37	36	36	33	31	28	26	25	24	30	37	50	64	74	86	77	69	58	47	44	41	42	43	42	24	86
21	41	41	41	40	40	39	38	38	37	40	44	52	60	60	60	60	57	54	46	39	38	37	36	36	36	80
22	35	34	33	32	32	30	28	26	25	31	37	40	44	42	42	42	42	42	42	42	42	42	42	42	25	92
23	20	20	20	26	24	25	27	29	32	32	33	43	53	71	90	86	83	67	52	46	40	39	39	36	24	90
24	33	32	32	33	34	33	33	33	33	31	29	51	74	84	94	89	84	69	55	45	36	34	33	31	29	94
25	29	27	25	24	24	23	23	22	22	24	26	50	74	84	98	91	85	74	63	47	32	30	28	26	22	98
26	25	23	22	22	23	23	23	24	26	29	33	47	62	62	63	62	61	41	41	39	37	37	37	37	22	63
27	38	37	37	37	38	37	36	36	37	38	39	43	48	60	72	67	63	60	58	46	35	34	33	31	31	72
28	29	28	28	28	28	27	27	27	27	27	31	53	76	81	87	87	87	75	64	49	35	33	31	29	23	87
29	28	27	27	27	27	26	25	24	23	28	33	56	80	87	96	88	80	69	58	47	36	34	32	31	23	96
30	30	29	28	28	28	27	27	25	24	28	33	56	80	87	94	93	92	78	65	50	36	35	34	33	24	94
31	33	32	31	31	31	29	28	27	27	27	28	55	82	89	97	92	87	74	69	54	39	36	33	31	27	97

MEAN MINIMUM TEMPERATURE IS 28.2 STANDARD DEVIATION IS 5.17
MEAN MAXIMUM TEMPERATURE IS 88.2 STANDARD DEVIATION IS 13.04

ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 1.

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permit fully legible reproduction

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	30	31	32	31	31	30	29	27	25	28	32	53	75	95	94	92	89	78	67	53	39	39	40	36	25	96
2	33	37	41	42	42	42	41	39	35	38	43	47	52	54	55	52	50	46	43	40	38	35	33	31	31	55
3	30	29	28	28	28	28	28	28	28	28	30	33	47	62	77	92	78	64	55	47	38	29	26	23	22	92
4	22	20	19	17	16	14	13	12	12	20	20	50	72	70	84	79	72	63	52	38	23	21	19	17	12	86
5	15	14	13	12	11	10	10	9	8	17	24	47	60	74	84	76	69	63	57	41	25	23	21	19	11	84
6	10	21	23	19	16	14	13	12	11	10	28	50	73	77	81	78	75	64	53	39	25	23	22	19	11	81
7	17	17	16	16	14	15	14	13	12	13	10	26	48	70	80	86	83	71	50	44	30	28	26	24	13	89
8	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	19	102
9	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	19	88
10	25	23	22	21	20	19	18	17	16	15	24	44	66	88	85	83	73	64	48	33	30	27	26	24	19	88
11	27	26	25	23	22	21	20	19	18	17	24	44	66	88	85	83	73	64	48	33	30	27	26	24	19	88
12	42	43	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	19	97
13	34	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	37	80
14	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	34	75
15	28	27	27	25	24	23	22	21	21	21	28	40	62	84	84	84	84	84	84	84	84	84	84	84	30	84
16	33	31	30	27	26	24	23	22	21	21	28	40	62	84	84	84	84	84	84	84	84	84	84	84	21	100
17	30	37	35	34	33	32	31	31	32	30	28	31	35	41	47	54	102	101	100	90	80	64	48	46	28	102
18	44	41	39	38	37	35	34	34	34	34	34	41	48	71	85	101	107	104	102	94	84	70	54	51	34	107
19	48	46	44	42	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	37	112
20	52	49	47	46	44	43	41	40	39	38	37	42	52	74	100	107	114	111	100	98	87	77	67	62	37	114
21	57	55	53	50	47	47	47	46	45	44	43	44	46	71	94	102	108	101	95	84	73	61	50	40	43	108
22	48	45	42	40	38	36	35	34	33	31	30	34	47	71	94	102	108	101	95	84	73	61	50	40	43	108
23	37	36	36	33	31	30	29	28	27	26	24	32	40	65	91	98	106	100	94	85	76	60	44	40	24	106
24	34	35	34	33	33	31	30	29	27	25	24	32	40	65	91	98	106	100	94	85	76	60	44	40	24	106
25	37	35	33	32	31	30	29	28	27	25	24	32	40	65	91	98	106	100	94	85	76	60	44	40	24	106
26	40	36	33	32	31	30	29	28	27	25	24	32	40	65	91	98	106	100	94	85	76	60	44	40	24	106
27	43	40	37	35	34	34	34	32	31	30	28	38	40	72	94	106	117	113	109	96	84	67	50	47	28	117
28	45	41	38	36	34	33	33	31	30	29	28	38	40	72	94	106	117	113	109	96	84	67	50	47	28	117
29	42	40	38	36	35	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	26	113
30	42	39	36	34	33	32	32	31	30	28	26	37	48	71	94	105	116	117	108	96	84	66	49	45	26	116
31	41	38	36	34	33	32	31	29	27	27	28	39	51	72	93	104	115	116	118	94	70	60	51	48	27	118

MEAN MINIMUM TEMPERATURE IS 26.3 STANDARD DEVIATION IS 8.21
MEAN MAXIMUM TEMPERATURE IS 99.3 STANDARD DEVIATION IS 14.91

ASROC MOTOR IN CONTAINER (CHANNEL 20)

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 2.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	44	43	40	39	36	38	39	38	39	38	34	34	37	41	40	38	38	105	112	69	86	70	55	51	34	112	
2	44	44	40	39	38	36	34	31	20	28	28	28	34	40	43	38	35	112	104	96	81	84	72	58	53	23	
3	48	47	44	44	44	42	40	37	34	34	34	34	42	50	72	46	103	111	103	98	83	70	57	44	42	34	
4	40	36	32	31	31	30	29	27	25	24	24	24	30	34	43	35	102	111	108	104	92	78	61	44	41	24	
5	38	35	32	32	31	30	28	27	26	24	24	24	31	37	43	30	99	105	98	98	83	77	62	48	44	24	
6	41	30	38	34	32	31	30	28	27	26	27	27	30	32	30	52	74	104	113	104	92	84	68	52	40	27	
7	47	43	40	38	34	33	31	31	32	30	28	27	30	32	30	74	101	104	111	107	103	84	66	49	42	27	
8	38	37	37	34	32	30	29	28	28	28	24	24	26	26	26	74	103	113	111	100	98	88	70	50	45	24	
9	40	30	32	34	35	32	30	28	27	26	24	24	26	26	26	74	103	113	111	100	98	88	70	50	45	24	
10	42	30	36	34	32	31	30	28	28	28	28	28	34	40	40	80	100	107	114	110	98	88	70	52	47	24	
11	40	47	44	44	42	40	38	37	34	34	34	34	47	41	41	84	104	112	116	112	108	91	74	57	53	28	
12	52	40	44	46	44	42	40	40	40	40	38	37	40	41	41	84	104	114	124	111	94	77	61	56	51	33	
13	47	44	42	40	39	38	37	35	34	34	34	34	40	40	40	114	124	122	114	108	98	82	58	55	51	34	
14	48	45	43	41	40	39	38	37	36	34	34	34	40	40	40	114	124	122	114	108	98	82	58	55	51	34	
15	53	50	47	46	44	42	42	42	42	42	42	42	42	42	42	74	104	114	114	101	93	77	62	54	53	37	
16	44	42	40	37	35	34	33	32	32	32	32	32	32	32	32	40	74	72	71	72	69	64	58	53	48	43	
17	44	43	41	37	34	32	32	32	32	32	32	32	32	32	32	40	74	72	71	72	69	64	58	53	48	43	
18	38	36	35	37	40	37	34	33	33	33	33	33	33	33	33	40	74	72	71	72	69	64	58	53	48	43	
19	40	30	38	34	34	34	34	34	34	34	34	34	34	34	34	40	74	72	71	72	69	64	58	53	48	43	
20	40	30	38	34	34	34	34	34	34	34	34	34	34	34	34	40	74	72	71	72	69	64	58	53	48	43	
21	40	41	43	37	32	32	32	32	32	32	32	32	32	32	32	40	74	72	71	72	69	64	58	53	48	43	
22	46	45	44	44	44	44	44	44	44	44	44	44	44	44	44	44	111	104	102	90	78	65	53	51	49	47	38
23	46	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	111	104	102	90	78	65	53	51	49	47	38
24	40	30	38	37	34	34	34	34	34	34	34	34	34	34	34	40	74	72	71	72	69	64	58	53	48	43	
25	42	44	46	40	34	33	32	30	29	29	29	29	29	29	29	40	74	72	71	72	69	64	58	53	48	43	
26	34	32	31	27	24	24	24	24	24	24	24	24	24	24	24	40	74	72	71	72	69	64	58	53	48	43	
27	25	24	23	22	21	19	18	17	17	17	17	17	17	17	17	40	74	72	71	72	69	64	58	53	48	43	
28	35	35	36	35	35	33	32	32	32	32	32	32	32	32	32	40	74	72	71	72	69	64	58	53	48	43	

MEAN MINIMUM TEMPERATURE IS 30.3 STANDARD DEVIATION IS 5.79
 MEAN MAXIMUM TEMPERATURE IS 107.5 STANDARD DEVIATION IS 15.05

ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 3.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	40	38	36	35	34	34	35	32	30	106	131	137	134	133	124	113	104	95	82	65	65	66	61	59	30	137	
2	52	54	50	48	47	45	45	44	71	104	126	138	137	139	123	116	108	97	83	69	63	60	57	59	44	139	
3	47	44	42	41	40	39	39	38	69	99	126	136	138	134	121	113	101	97	80	64	64	61	56	55	38	138	
4	44	41	40	40	38	37	35	34	66	95	117	132	135	126	125	116	105	91	77	59	56	53	51	50	34	135	
5	63	63	62	62	61	58	57	55	63	80	109	126	131	116	101	92	84	76	68	58	51	50	46	44	63	131	
6	69	67	67	65	64	63	67	67	75	97	110	116	113	108	105	99	92	85	76	71	69	69	67	63	63	116	
7	63	62	61	56	56	54	53	53	73	109	126	141	139	139	133	126	111	96	85	76	73	71	70	69	53	141	
8	64	62	58	56	56	53	52	53	73	107	127	139	142	140	138	126	113	103	88	74	72	71	70	68	52	142	
9	73	71	70	65	64	60	61	64	72	101	92	103	84	116	120	122	90	87	79	75	73	62	63	64	60	122	
10	64	62	61	60	54	51	51	51	67	110	134	136	142	129	128	114	110	100	86	78	78	75	75	68	51	142	
11	65	63	56	54	52	58	55	56	74	110	134	136	142	129	128	114	110	100	86	78	78	75	75	68	51	142	
12	61	57	58	55	54	54	51	52	66	103	132	141	148	147	136	126	114	107	96	75	74	70	67	64	51	148	
13	57	54	52	52	52	48	48	48	68	111	134	139	132	128	150	135	124	116	99	80	76	69	65	63	48	150	
14	56	52	51	51	47	44	44	48	66	113	133	147	139	139	128	120	107	99	89	73	68	62	64	61	46	147	
15	53	50	50	48	45	44	43	47	63	113	134	144	136	135	132	120	109	100	90	71	64	62	58	60	43	144	
16	46	44	42	42	41	41	41	43	60	112	135	128	140	125	124	115	107	98	88	68	61	58	57	56	41	140	
17	59	42	61	61	56	59	55	50	68	115	116	113	116	117	116	104	95	89	81	61	57	54	49	50	49	117	
18	63	57	55	54	52	51	49	51	68	114	138	147	151	146	145	130	121	108	98	76	72	67	66	62	49	151	
19	53	51	50	46	45	45	45	44	51	63	113	134	145	146	139	134	125	116	103	91	78	75	73	71	69	44	146
20	58	57	56	54	50	53	49	54	67	117	130	121	126	125	119	121	113	100	91	69	63	59	56	53	45	130	
21	60	56	54	52	50	50	47	52	66	113	133	141	143	144	133	123	111	96	85	73	67	63	59	63	47	144	
22	67	68	68	66	64	61	60	61	70	109	128	141	137	145	139	127	115	100	87	73	69	67	65	64	60	145	
23	70	69	68	65	63	62	60	61	75	107	118	123	128	129	123	114	104	97	86	76	73	72	70	68	60	129	
24	61	58	56	55	52	51	49	55	70	119	139	150	150	143	136	130	119	108	95	80	74	75	73	71	49	150	
25	59	55	52	51	51	48	51	55	68	116	130	149	157	153	149	134	129	115	100	78	73	73	70	66	48	157	
26	56	53	53	52	50	47	51	57	68	117	141	143	146	162	139	132	119	110	99	76	68	64	61	61	47	146	
27	55	52	51	47	45	45	45	51	65	115	137	148	150	140	139	124	119	107	94	74	68	62	60	59	45	150	
28	63	60	59	53	51	47	45	52	64	114	131	141	147	143	139	128	118	104	92	73	68	66	62	60	45	147	
29	73	72	70	70	65	65	61	65	75	100	112	108	123	129	126	121	111	102	95	86	74	69	67	65	65	61	123
30	75	77	73	72	74	70	62	71	82	115	124	129	129	124	124	121	115	98	95	81	78	73	73	73	62	129	
31	75	77	74	71	70	65	62	73	81	133	151	115	129	114	107	97	87	75	57	48	45	42	40	40	40	151	

MEAN MINIMUM TEMPERATURE IS 48.5 STANDARD DEVIATION IS 8.00
MEAN MAXIMUM TEMPERATURE IS 130.5 STANDARD DEVIATION IS 10.52

ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR 1971-1972 MONTH 15 NORTH 15 SOUTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	34	34	32	30	29	28	32	50	93	126	128	126	127	132	121	114	98	85	62	50	46	43	40	38	28	132
2	35	34	31	31	20	28	32	51	103	126	139	144	140	127	114	109	98	82	66	61	56	51	49	38	28	146
3	45	46	39	39	37	55	79	121	134	141	131	131	124	112	101	93	83	62	55	54	52	50	47	45	37	141
4	44	43	43	41	40	62	82	121	132	132	137	130	132	130	113	103	89	66	57	52	50	47	45	40	139	
5	45	41	40	37	36	34	62	82	121	138	150	144	117	136	129	117	101	88	66	62	56	52	50	47	34	150
6	45	43	40	41	40	38	48	84	115	140	150	135	139	110	92	80	71	68	65	63	61	56	51	38	150	
7	49	49	46	47	46	46	48	73	92	116	129	134	138	128	116	102	91	73	58	55	52	51	50	48	46	138
8	44	41	39	37	35	34	59	83	115	129	141	144	137	140	124	109	103	86	65	60	58	54	49	46	34	144
9	44	44	40	40	38	37	63	87	112	124	139	134	141	131	129	103	92	80	66	62	59	58	58	50	37	141
10	57	55	56	55	54	53	64	80	108	109	113	116	113	112	103	95	86	77	65	62	60	59	57	51	51	116
11	53	52	47	41	40	38	44	89	110	131	137	138	145	139	125	109	94	82	70	66	63	61	55	51	38	145
12	48	44	43	41	41	40	63	86	123	138	145	144	143	135	127	118	106	90	73	69	64	57	55	50	40	145
13	50	47	45	43	41	40	61	86	110	137	138	125	95	86	103	84	79	75	62	61	58	60	60	59	40	138
14	56	55	56	55	55	54	53	50	78	71	71	82	118	89	78	78	73	68	58	53	54	53	51	52	50	118
15	45	45	43	44	45	41	61	85	121	129	134	143	145	143	129	114	104	90	71	67	60	57	54	53	41	145
16	53	49	51	48	43	43	43	85	114	124	130	145	141	141	126	102	93	82	69	62	61	60	58	56	43	145
17	59	50	48	45	44	45	53	72	86	91	87	86	90	80	80	78	69	54	50	48	44	41	39	39	39	96
18	39	38	39	37	37	35	51	81	109	116	131	92	141	83	98	98	80	66	52	48	46	46	44	43	36	141
19	40	38	40	41	42	40	61	76	112	116	133	138	125	115	113	101	86	73	59	55	54	51	50	48	38	138
20	43	41	43	40	40	42	49	64	95	82	98	102	95	81	93	72	65	59	52	51	51	48	47	46	40	102
21	46	44	45	43	36	39	51	71	82	85	82	86	77	78	94	83	83	67	49	45	43	41	42	39	36	94
22	39	38	39	38	35	32	50	89	107	121	139	135	130	118	112	107	92	73	60	56	52	49	48	45	32	139
23	47	47	47	40	36	35	59	97	118	132	137	137	129	120	111	98	86	74	60	55	54	53	52	51	35	137
24	53	53	51	50	48	47	56	72	84	101	111	105	101	89	95	74	63	53	52	48	48	45	43	41	41	111
25	40	40	40	39	37	36	51	77	89	112	126	126	122	97	94	84	73	63	52	48	47	44	44	41	36	126
26	42	43	45	39	35	34	59	85	108	123	138	125	121	121	110	103	91	81	61	55	52	48	43	40	34	128
27	40	37	37	36	34	34	63	89	121	136	136	133	130	140	123	105	102	85	69	60	55	51	52	51	34	140
28	51	49	46	43	40	40	71	99	120	140	140	143	124	129	93	104	101	88	70	61	58	57	56	53	40	143
29	50	45	43	41	40	40	69	101	124	138	145	145	145	137	120	121	109	96	77	68	61	60	57	55	40	145
30	51	48	46	44	43	44	73	107	129	136	142	147	151	146	129	128	112	101	90	75	66	65	64	63	43	151

MEAN MINIMUM TEMPERATURE IS 38.3 STANDARD DEVIATION IS 5.22
MEAN MAXIMUM TEMPERATURE IS 134.1 STANDARD DEVIATION IS 15.87

ASROC MOTOR IN CONTAINER CHANNEL 29
TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 5.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	59	54	52	50	47	45	47	79	100	141	134	140	148	145	139	125	112	97	85	72	67	62	55	60	45	148
2	56	54	52	50	46	46	50	75	88	97	113	116	107	136	106	112	100	90	77	63	57	54	54	53	46	136
3	51	50	48	45	40	45	46	67	82	94	113	122	127	118	116	104	95	78	62	56	53	53	52	50	40	127
4	53	52	52	48	46	46	48	68	101	125	125	130	146	138	134	128	107	93	82	66	56	54	56	49	46	146
5	48	48	44	45	42	40	44	54	104	118	148	143	149	139	128	122	106	89	71	65	59	58	56	55	40	149
6	56	52	48	49	51	51	52	57	61	57	62	59	64	102	92	65	61	65	60	55	53	51	51	50	48	102
7	49	48	49	47	46	47	48	52	72	118	132	137	141	94	113	74	58	74	75	61	56	56	52	46	46	141
8	46	43	41	40	38	38	41	74	98	115	131	137	136	136	132	126	111	90	81	68	58	56	55	52	39	137
9	49	46	46	44	41	41	43	80	103	123	138	148	145	147	140	126	130	94	84	79	70	65	61	58	41	148
10	58	60	59	56	54	58	60	74	110	136	147	150	91	128	116	111	***	78	73	70	63	60	58	56	54	150
11	54	55	54	51	49	48	51	88	115	134	137	152	154	101	152	125	92	79	71	69	68	67	67	67	48	154
12	68	66	62	61	58	57	56	91	98	135	146	160	157	156	147	142	128	112	100	84	74	70	70	66	56	160
13	64	65	64	61	61	56	60	70	80	110	121	129	131	132	132	125	121	103	88	77	72	70	66	65	56	132
14	63	62	58	53	51	51	52	89	117	138	145	152	150	152	152	137	131	116	102	86	76	73	67	63	51	152
15	62	60	56	56	55	52	55	89	114	136	145	152	150	159	150	145	131	113	100	87	76	73	72	73	52	159
16	72	71	69	71	69	67	69	88	104	144	150	157	157	129	129	129	113	101	88	78	68	65	62	61	61	157
17	58	57	52	51	51	50	52	73	99	120	129	137	141	132	135	134	117	98	87	76	63	55	51	48	48	141
18	50	49	45	45	43	42	41	61	103	123	133	139	147	134	130	129	105	96	87	65	60	59	55	55	41	147
19	52	50	50	48	44	42	43	63	106	125	140	147	153	153	130	119	126	113	106	87	73	69	66	64	42	153
20	61	58	57	51	55	50	48	66	102	127	146	154	148	148	129	116	108	98	88	79	70	67	66	63	48	154
21	62	59	58	59	53	50	48	53	70	74	82	88	91	97	99	96	91	85	81	67	56	52	50	48	48	99
22	46	47	46	45	44	45	46	59	96	124	123	140	140	145	142	138	123	108	98	83	71	70	68	62	44	145
23	56	54	51	50	48	47	50	64	107	129	139	154	144	147	143	144	134	118	107	91	73	70	67	62	47	154
24	60	58	56	55	52	51	51	69	111	129	142	147	149	156	144	141	130	124	108	93	80	74	73	69	51	156
25	67	66	62	59	56	53	54	71	110	132	146	150	157	157	148	145	133	113	102	90	78	74	72	69	53	157
26	65	63	61	61	60	58	56	70	100	102	119	127	135	124	123	122	105	98	78	73	65	60	57	54	54	135
27	51	50	48	46	45	45	45	58	72	71	108	112	126	97	88	76	92	94	75	65	52	49	48	47	45	126
28	46	47	48	48	45	44	46	52	67	112	130	141	140	147	113	98	118	82	97	82	67	56	55	52	44	147
29	51	50	48	45	48	42	43	61	102	123	114	129	145	137	129	110	94	84	75	63	60	57	55	55	42	145
30	51	51	49	45	45	44	44	60	95	116	133	139	140	142	123	113	101	92	81	73	62	61	59	56	44	142
31	56	54	53	53	52	51	51	56	82	81	99	81	125	110	102	98	89	86	76	66	56	54	53	52	51	125

MEAN MINIMUM TEMPERATURE IS 47.4 STANDARD DEVIATION IS 5.49
MEAN MAXIMUM TEMPERATURE IS 142.7 STANDARD DEVIATION IS 14.83

ASROC MOTOR IN CONTAINER CHANNEL 20
TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	51	47	42	42	41	36	36	55	100	120	130	139	136	142	133	126	121	108	93	81	66	58	57	55	36	142	
2	55	53	50	50	49	45	43	63	89	95	104	136	110	131	118	126	114	116	94	74	62	57	55	53	43	136	
3	51	49	48	46	42	41	42	60	98	119	133	139	150	154	144	145	113	115	92	84	71	67	64	61	41	154	
4	56	55	54	53	52	54	53	63	96	95	136	138	150	143	143	131	119	111	100	85	74	68	65	62	52	150	
5	61	61	59	58	56	51	51	68	109	130	143	147	144	152	151	149	131	123	111	98	78	73	71	68	51	152	
6	61	61	57	56	54	51	53	71	108	119	149	107	129	136	156	143	140	126	114	97	79	76	72	70	51	156	
7	68	63	58	55	54	51	53	73	110	131	150	157	157	151	155	141	138	123	113	98	83	78	76	74	51	157	
8	72	70	68	63	61	58	58	77	109	129	150	157	164	161	151	144	131	121	106	87	82	78	76	73	58	164	
9	71	65	61	58	58	58	59	72	96	113	128	138	153	150	149	149	131	112	98	88	74	69	65	61	58	153	
10	60	57	54	55	52	51	52	68	91	112	121	139	141	145	138	133	126	112	98	86	71	67	65	60	51	145	
11	57	56	54	52	51	50	51	69	105	129	139	148	152	148	152	150	138	128	114	101	83	78	75	74	50	152	
12	73	68	65	60	57	56	57	75	112	135	139	156	158	154	150	144	131	123	110	95	80	77	76	74	56	158	
13	75	73	72	70	70	67	66	78	105	126	143	150	160	161	158	147	134	121	107	97	83	77	74	70	66	161	
14	67	66	64	61	59	56	56	74	113	137	151	156	158	158	158	145	143	134	120	107	89	85	82	78	56	158	
15	75	70	67	63	62	60	61	78	112	140	155	167	170	163	158	156	150	134	124	109	94	88	84	80	60	170	
16	78	72	69	71	65	61	61	78	117	137	150	160	163	162	160	150	141	127	116	104	91	85	82	78	61	163	
17	73	74	73	69	66	62	62	80	113	134	154	157	166	165	151	147	134	120	111	100	87	81	77	73	62	166	
18	70	66	71	68	63	65	61	76	117	138	150	160	161	166	162	152	132	122	111	101	86	81	78	78	61	166	
19	78	75	73	72	68	65	63	77	114	142	157	158	166	168	169	168	148	134	118	108	98	85	79	74	71	63	169
20	72	70	66	62	59	57	58	73	118	137	152	162	159	159	161	156	142	136	121	110	90	84	81	77	57	162	
21	74	70	68	67	63	61	61	77	118	137	151	159	169	166	163	143	141	127	116	104	89	82	80	75	61	159	
22	77	72	73	67	67	60	60	74	116	143	153	165	169	164	163	152	145	132	118	106	91	85	78	80	60	169	
23	75	73	73	69	68	65	62	75	116	139	146	154	160	159	157	147	137	122	113	102	88	82	81	77	62	160	
24	75	73	70	66	65	63	61	73	108	133	150	161	153	146	143	137	128	119	110	101	87	82	80	78	61	161	
25	74	77	75	75	73	73	72	80	107	124	136	137	143	138	139	134	127	116	106	98	85	81	78	78	72	143	
26	76	75	73	72	70	70	70	78	102	115	128	133	134	135	127	127	119	109	100	92	81	78	75	73	70	135	
27	73	73	72	71	70	70	70	75	94	108	119	130	136	132	129	123	112	103	97	86	76	73	71	70	70	136	
28	69	68	67	66	66	65	63	71	97	130	135	142	141	152	145	123	113	106	94	85	75	72	70	69	63	161	
29	67	60	61	57	55	52	52	62	105	126	139	148	149	152	152	152	141	126	116	106	85	78	75	71	52	152	
30	66	66	61	57	54	55	55	65	110	134	150	155	165	157	157	155	138	131	121	107	88	81	78	74	54	165	

MEAN MINIMUM TEMPERATURE IS 57.0 STANDARD DEVIATION IS 8.30
MEAN MAXIMUM TEMPERATURE IS 156.2 STANDARD DEVIATION IS 10.27

ASROC MOTOR IN CONTAINER CHANNEL 20

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX		
1	73	70	69	63	61	58	58	68	125	137	153	164	169	160	157	147	140	130	118	103	88	83	80	74	58	169	
2	74	71	67	65	61	60	59	72	110	125	138	150	159	164	152	147	133	121	107	96	85	81	78	77	59	164	
3	75	73	73	65	63	62	61	73	104	122	137	150	155	159	158	153	139	127	111	100	87	82	80	74	61	159	
4	74	72	71	63	61	60	59	70	106	126	148	157	166	162	163	152	134	123	110	100	88	82	80	79	59	166	
5	77	76	72	63	63	60	60	69	111	127	145	157	155	167	167	153	141	113	114	101	87	81	79	76	60	167	
6	76	74	73	69	69	62	59	69	109	130	143	152	165	163	152	153	142	125	112	102	88	83	81	78	59	165	
7	77	76	74	66	64	59	59	70	107	126	141	150	156	169	157	141	134	122	110	99	85	80	78	76	59	169	
8	75	73	71	70	68	62	60	70	109	126	143	156	162	169	156	146	135	121	110	99	85	82	78	73	60	162	
9	72	70	63	64	61	57	57	67	114	136	152	158	161	161	160	158	145	127	114	101	86	82	79	77	57	161	
10	75	73	72	73	69	70	70	74	110	127	145	150	157	160	158	148	136	121	110	101	84	77	72	70	69	160	
11	70	69	66	62	59	57	60	69	112	135	148	158	169	163	155	149	142	131	118	108	91	85	77	78	57	159	
12	77	74	69	67	68	63	61	71	119	137	154	167	160	151	144	143	136	127	118	106	94	91	87	81	61	167	
13	77	74	75	72	71	70	68	77	120	140	155	167	171	167	160	154	141	135	124	110	98	91	85	82	68	171	
14	81	78	74	73	72	69	68	76	124	144	154	166	172	174	165	152	148	136	112	103	99	92	89	85	68	174	
15	84	82	80	79	79	80	72	80	90	129	152	157	167	171	167	160	154	141	135	124	110	95	91	84	85	70	167
16	79	80	79	75	73	70	70	81	113	138	155	163	167	157	155	156	150	134	124	110	95	91	84	85	70	167	
17	85	82	81	79	80	69	75	78	74	98	113	107	90	93	101	109	135	102	97	102	85	78	78	76	69	135	
18	74	74	74	73	71	71	69	78	119	141	153	161	168	163	165	160	143	133	121	106	84	88	85	84	69	168	
19	82	81	79	77	74	73	71	80	112	119	126	163	144	171	126	116	144	136	126	109	96	91	87	85	71	171	
20	85	83	82	76	74	71	73	83	121	143	154	165	167	169	164	153	140	138	116	107	97	93	92	90	71	169	
21	91	90	89	86	83	82	82	86	104	114	107	134	117	161	132	151	150	112	97	94	88	86	84	83	82	161	
22	81	78	78	76	73	73	74	82	120	139	159	161	163	169	171	159	131	127	118	109	96	91	88	87	73	171	
23	84	84	83	81	77	74	73	82	118	138	155	163	163	169	162	146	148	132	123	108	96	90	88	85	73	169	
24	82	81	76	76	71	69	67	78	117	136	152	161	170	167	157	152	140	131	119	106	92	87	85	81	67	170	
25	81	79	74	74	70	68	66	77	114	138	157	165	166	164	154	143	140	131	118	107	94	89	88	87	66	166	
26	79	78	74	72	69	68	66	79	118	139	150	156	162	168	168	156	145	138	121	109	96	92	88	85	66	168	
27	80	76	73	70	68	66	65	78	117	141	154	160	163	174	154	163	150	139	129	114	98	93	91	86	65	174	
28	81	77	75	73	71	69	68	80	116	143	157	165	168	171	169	151	143	132	123	113	99	93	92	88	68	171	
29	86	80	82	77	75	72	71	85	120	144	151	159	170	168	163	160	146	138	124	112	99	95	92	91	71	170	
30	87	82	79	76	74	73	71	83	118	136	153	165	160	165	160	154	150	139	119	104	96	93	90	86	71	165	
31	82	80	78	78	74	73	71	85	118	136	152	158	164	163	163	147	149	141	128	112	98	94	90	88	71	164	

MEAN MINIMUM TEMPERATURE IS 66.1 STANDARD DEVIATION IS 6.10
MEAN MAXIMUM TEMPERATURE IS 166.0 STANDARD DEVIATION IS 6.93

ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 8.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	86	82	70	74	73	73	72	72	84	120	142	154	166	172	167	169	158	126	117	113	108	100	95	93	92	72	172
2	94	92	80	85	82	81	74	71	84	121	144	150	159	164	166	167	159	150	134	113	101	94	92	88	86	78	167
3	84	81	74	74	75	72	71	71	85	118	138	153	159	163	161	160	149	137	126	116	105	95	90	86	85	71	163
4	83	82	81	78	77	74	73	75	85	105	126	112	138	160	175	154	149	129	127	108	100	95	93	88	84	73	175
5	82	81	82	83	80	74	75	75	87	115	132	143	156	153	157	160	157	143	141	108	107	94	82	86	82	75	160
6	82	82	81	70	74	72	71	71	87	113	139	152	164	145	155	165	150	142	121	104	93	89	85	82	71	165	
7	82	81	81	77	73	71	73	73	84	114	132	149	155	161	164	156	147	139	126	115	104	91	87	82	80	71	164
8	83	83	82	80	74	73	71	71	87	116	140	150	163	165	160	162	166	156	148	132	123	110	96	91	89	87	166
9	80	74	76	74	73	72	72	72	80	110	145	158	164	166	163	158	144	149	132	115	104	94	92	88	87	72	164
10	84	83	70	77	74	72	72	72	82	104	124	148	154	161	160	156	152	147	134	123	105	95	91	89	85	72	161
11	82	79	74	73	72	72	70	70	83	111	133	148	163	160	163	163	154	148	134	119	107	96	92	89	87	70	163
12	87	85	84	82	74	74	71	71	86	113	121	152	156	154	154	160	150	139	124	113	103	92	88	86	83	71	160
13	81	74	75	73	72	70	69	74	78	84	130	144	156	157	157	152	150	140	104	109	98	87	83	82	79	69	157
14	74	74	72	75	74	73	71	71	85	107	137	150	157	157	166	155	154	140	131	109	100	91	88	84	83	71	166
15	74	74	75	73	72	70	68	68	82	107	132	149	158	165	161	165	127	149	131	121	104	92	87	84	82	64	165
16	71	79	78	74	76	71	68	68	83	110	133	151	160	166	167	160	150	137	124	113	102	88	84	81	80	68	167
17	74	74	77	71	71	69	66	66	84	108	131	141	150	157	163	158	153	137	126	113	101	89	86	83	79	65	163
18	74	77	73	70	70	71	73	73	77	106	149	143	163	146	158	163	154	131	125	114	101	90	88	85	82	70	168
19	80	75	71	69	71	67	66	66	82	98	121	142	144	148	151	153	143	135	123	110	97	85	81	80	74	66	161
20	74	70	67	67	61	59	58	58	74	102	122	140	141	156	150	160	151	134	118	102	92	82	78	75	74	58	160
21	73	69	64	62	61	57	57	57	74	94	122	137	153	154	154	150	143	143	123	116	97	83	79	75	73	57	154
22	70	67	63	61	59	59	58	58	72	101	119	146	147	132	139	134	125	111	104	90	88	80	83	82	82	58	147
23	81	74	77	77	75	73	73	73	85	87	113	119	121	104	89	131	139	97	81	99	90	83	79	77	73	73	139
24	73	72	69	68	66	65	63	63	82	101	133	145	152	159	159	153	149	137	122	112	97	88	85	83	80	63	159
25	77	74	72	71	69	70	69	69	77	88	131	147	160	157	159	158	147	130	129	118	101	88	85	82	80	69	160
26	75	73	72	72	68	66	65	65	77	99	124	150	154	155	164	154	156	141	128	128	103	92	88	85	83	65	164
27	81	75	75	72	70	69	68	68	79	94	131	111	155	120	125	129	153	143	128	112	93	87	85	82	82	64	155
28	80	74	75	72	69	74	67	67	74	100	129	143	157	156	161	150	143	131	123	110	94	87	85	82	80	67	161
29	79	74	75	68	65	61	59	59	74	96	132	146	139	134	141	139	134	123	112	101	88	78	74	73	69	59	146
30	69	64	65	62	59	60	56	56	72	86	114	132	151	140	145	142	137	131	119	104	88	79	75	71	69	56	151

MEAN MINIMUM TEMPERATURE IS 67.9 STANDARD DEVIATION IS 5.49
MEAN MAXIMUM TEMPERATURE IS 160.9 STANDARD DEVIATION IS 7.50

ASROC MOTOR IN CONTAINER CHANNEL 29

TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 9.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	46	66	65	61	58	57	55	71	89	125	139	149	156	158	154	136	126	115	103	86	80	77	73	68	55	158	
2	48	61	61	60	58	56	54	82	103	121	143	140	154	149	136	127	116	106	95	62	79	78	75	74	56	154	
3	72	71	69	62	59	58	57	87	105	133	145	151	150	152	142	139	127	113	101	81	73	70	68	66	57	152	
4	42	61	59	59	55	55	52	83	104	132	143	150	150	146	143	139	127	114	107	83	78	73	70	72	52	150	
5	66	66	63	63	61	58	57	88	105	138	150	156	153	147	145	136	126	114	101	88	84	81	79	77	57	156	
6	73	71	68	69	64	63	60	88	107	134	136	140	141	137	129	121	110	90	80	73	72	72	71	66	60	139	
7	64	65	61	61	58	54	54	83	103	134	142	150	151	150	147	141	123	115	106	84	76	74	72	70	54	151	
8	65	66	59	58	56	58	55	85	99	121	150	151	154	154	150	145	131	120	107	89	84	83	82	80	55	154	
9	74	72	71	69	68	68	63	89	108	136	151	160	156	158	146	139	130	121	108	86	85	82	80	78	68	150	
10	79	77	75	74	72	72	71	78	108	143	154	161	163	158	150	144	133	121	108	88	85	82	80	78	71	163	
11	81	80	77	73	71	71	70	88	109	143	152	154	164	150	144	133	121	108	88	85	82	80	78	71	70	164	
12	81	78	74	72	72	70	68	91	111	140	154	156	157	150	144	133	121	108	88	85	82	80	78	71	70	164	
13	79	78	75	73	73	72	74	95	97	104	136	173	121	164	157	153	138	122	110	98	93	91	89	89	68	159	
14	85	87	82	82	81	76	72	89	113	141	154	157	162	161	157	148	139	127	116	94	92	87	87	86	72	162	
15	87	86	84	81	81	80	79	88	107	133	151	151	161	159	150	142	130	120	101	95	93	88	87	86	79	161	
16	83	85	85	82	80	75	72	81	91	134	150	154	158	154	156	149	132	116	107	96	94	90	89	90	72	158	
17	87	84	83	85	78	78	74	70	88	116	126	135	137	135	131	121	113	104	91	80	73	70	68	60	60	137	
18	57	55	54	53	51	51	51	57	71	107	113	123	122	126	124	116	105	96	85	72	61	57	56	54	51	126	
19	49	49	48	44	43	43	40	49	60	114	134	140	142	145	143	134	116	106	95	71	66	66	63	60	40	145	
20	56	54	52	50	49	45	45	52	66	111	134	142	143	139	142	122	111	100	90	78	74	72	69	62	45	143	
21	58	57	56	54	54	55	57	54	73	112	127	133	137	142	137	132	113	101	88	71	67	62	60	57	54	142	
22	55	56	52	50	49	51	46	53	67	114	137	143	142	132	137	131	124	111	99	90	72	70	65	59	58	46	143
23	56	56	50	48	46	45	44	51	65	115	134	145	146	140	144	134	126	110	98	74	71	69	61	59	44	145	
24	56	55	51	49	48	49	46	51	67	113	134	144	137	127	130	121	109	99	88	75	70	66	62	59	46	144	
25	54	54	57	57	53	53	53	55	62	85	101	107	109	111	105	100	92	84	75	62	60	58	56	51	51	111	
26	50	46	48	44	43	41	41	43	57	96	112	123	109	109	103	97	90	80	72	62	60	59	58	57	41	123	
27	56	55	55	54	52	51	49	50	60	105	122	131	134	129	129	116	111	95	85	60	57	57	53	50	49	138	
28	47	50	46	42	41	39	38	41	56	102	120	130	128	123	119	113	100	89	78	65	61	58	55	53	38	130	
29	52	47	48	47	44	42	40	39	57	65	71	109	132	124	110	108	97	87	76	68	65	62	62	61	39	132	
30	62	60	58	56	55	55	55	55	60	79	84	92	92	95	95	86	78	75	67	56	51	50	47	41	95		

MEAN MINIMUM TEMPERATURE IS 55.4 STANDARD DEVIATION IS 11.66

MEAN MAXIMUM TEMPERATURE IS 145.6 STANDARD DEVIATION IS 16.83

ASROC MOTOR IN CONTAINER CHANNEL 29
TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 10.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	41	40	38	38	36	34	31	34	53	95	119	129	126	132	123	113	98	86	75	55	51	48	45	44	31	132
2	44	44	39	37	36	35	34	35	54	99	122	133	129	126	118	112	108	96	82	59	55	53	53	53	34	133
3	48	44	44	41	41	40	37	38	59	104	122	129	124	125	119	108	98	91	81	65	59	56	56	52	37	129
4	50	49	49	46	45	44	42	45	67	108	129	125	131	129	125	111	104	98	86	70	65	62	60	56	42	131
5	53	53	52	54	50	47	46	45	69	107	131	132	131	127	124	114	108	98	87	73	66	61	59	56	45	131
6	54	52	51	52	51	52	47	46	72	110	131	143	141	133	130	121	111	102	91	72	69	65	61	58	46	143
7	59	55	53	54	50	49	48	46	72	108	130	141	142	144	130	123	112	101	90	74	68	67	63	65	46	144
8	59	56	55	52	50	50	50	50	75	109	129	143	145	137	131	128	118	103	92	74	72	67	67	61	50	145
9	62	58	57	53	54	51	51	50	76	107	131	143	146	141	137	123	116	107	92	76	73	68	69	62	50	146
10	63	61	56	54	53	53	51	51	78	106	128	142	148	147	145	133	120	109	96	78	75	69	68	62	51	148
11	61	61	61	55	54	52	52	51	81	102	118	140	150	142	143	133	121	108	93	76	72	69	70	69	51	150
12	68	66	59	56	57	56	58	57	82	108	127	142	143	148	144	141	121	116	***	***	71	68	68	67	56	148
13	62	58	56	56	54	56	50	49	84	104	133	144	143	141	131	126	115	104	91	82	75	76	75	72	49	144
14	70	67	71	71	70	72	71	67	89	99	113	117	117	117	109	110	101	94	82	73	74	72	70	68	67	117
15	66	67	65	61	60	58	55	54	70	79	93	96	102	101	86	88	81	67	57	53	54	51	52	51	51	102
16	47	44	43	41	40	41	40	40	55	69	79	83	91	88	90	82	65	50	44	41	40	40	39	39	39	91
17	38	36	32	31	32	27	26	27	47	76	99	113	113	115	109	100	87	74	55	48	45	45	44	43	26	115
18	42	40	38	34	31	30	30	27	59	75	103	111	114	115	111	100	85	80	61	46	43	44	39	37	27	115
19	36	35	34	32	31	31	29	28	62	81	109	121	122	120	113	101	89	78	63	52	49	48	44	42	28	122
20	41	38	36	35	34	34	33	32	66	87	107	125	127	121	108	90	80	73	65	61	59	50	48	46	32	127
21	45	44	42	40	41	38	36	34	67	82	111	126	127	124	112	105	96	88	70	56	54	52	50	47	34	127
22	43	41	42	38	35	36	34	33	66	84	114	128	126	125	125	106	98	88	68	58	56	51	51	46	33	128
23	45	45	43	41	42	40	39	36	67	83	112	118	111	108	101	103	87	74	66	62	60	56	57	55	36	118
24	55	55	52	52	51	47	48	49	75	90	97	101	97	96	84	79	57	53	47	46	47	47	47	47	46	110
25	45	40	36	35	37	37	40	40	43	47	57	65	69	78	84	106	82	74	54	50	49	51	49	46	35	106
26	43	44	44	42	36	35	34	31	60	78	106	121	124	121	118	109	93	80	63	57	55	55	51	47	31	124
27	48	45	43	44	41	40	38	38	63	77	104	122	108	99	84	85	77	68	59	56	55	53	52	51	38	132
28	51	50	47	46	43	43	42	41	42	47	46	50	45	59	75	79	59	56	41	38	36	35	34	33	33	79
29	32	33	33	32	31	29	28	26	39	51	86	100	103	101	97	91	71	64	42	36	33	32	30	26	103	
30	25	24	22	21	19	19	18	17	42	58	93	108	107	107	98	91	77	69	46	40	38	34	34	35	17	108
31	36	35	30	28	28	25	26	24	37	55	95	108	115	110	100	89	78	68	48	42	38	36	36	31	22	115

MEAN MINIMUM TEMPERATURE IS 39.0 STANDARD DEVIATION IS 11.17
MEAN MAXIMUM TEMPERATURE IS 124.0 STANDARD DEVIATION IS 18.00

ASROC MOTOR IN CONTAINER CHANNEL 29
TOP CENTER OUTSIDE CONTAINER SKIN

YEAR IS 1971. MONTH IS 11.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	29	29	26	26	27	27	24	23	52	57	99	113	111	103	90	79	66	46	42	40	37	36	34	33	23	113
2	31	29	28	26	25	24	26	67	82	102	113	112	103	98	89	80	71	51	47	44	42	38	35	36	24	113
3	32	32	30	28	28	26	27	69	87	101	115	123	116	107	96	86	75	52	49	44	41	39	38	34	26	123
4	33	32	32	30	29	29	28	72	83	106	114	107	121	103	95	84	73	56	53	50	51	47	45	47	28	121
5	45	45	44	42	40	37	39	58	96	115	122	124	118	109	98	88	78	56	51	53	46	44	44	44	37	124
6	39	39	38	36	37	36	37	74	84	111	110	111	107	100	92	83	71	53	44	45	43	39	40	36	111	
7	36	34	33	33	31	28	30	70	78	104	115	118	117	104	96	85	72	61	54	59	56	54	55	54	28	118
8	52	44	45	38	37	35	35	66	81	99	115	118	114	95	91	80	62	53	51	46	43	44	46	41	35	118
9	38	39	36	36	33	33	33	70	69	74	106	92	115	96	92	76	61	53	51	45	45	43	40	38	33	115
10	36	36	35	34	32	32	32	62	75	101	106	100	114	105	98	82	67	56	54	50	48	47	45	45	32	114
11	45	45	48	46	45	47	45	51	70	74	85	105	87	85	78	72	70	66	65	60	61	60	55	56	45	105
12	54	56	54	55	55	52	55	65	75	74	83	84	78	76	68	62	55	48	46	46	45	42	39	33	84	
13	32	32	30	29	29	27	27	60	68	73	92	109	107	101	77	59	59	52	49	48	47	45	43	27	109	
14	40	41	36	35	33	31	32	55	61	96	108	107	101	91	82	75	59	42	39	36	36	41	36	32	31	108
15	32	40	40	40	31	28	28	60	61	92	98	103	92	86	73	65	56	51	50	49	48	47	45	46	28	103
16	45	45	45	45	42	42	41	53	56	96	104	101	96	85	80	77	55	44	41	40	39	37	37	32	32	104
17	28	29	32	26	25	24	23	52	56	96	104	101	97	88	83	71	58	43	38	36	34	34	33	32	23	104
18	33	29	28	26	27	31	32	36	48	54	74	72	67	63	56	54	45	37	40	42	41	40	38	35	26	74
19	32	28	29	26	26	27	25	54	57	90	94	88	86	78	71	64	53	46	40	39	35	33	33	34	25	94
20	35	34	33	31	30	32	33	41	54	86	96	117	95	83	75	67	53	46	42	40	38	36	34	36	30	117
21	35	33	33	31	29	29	27	36	51	71	69	76	77	79	68	64	57	49	44	40	36	35	32	32	27	79
22	31	29	31	27	26	25	25	58	51	82	89	100	99	92	83	73	57	44	41	38	36	36	34	32	25	100
23	31	30	27	26	25	25	24	50	50	93	106	107	101	97	81	75	59	46	43	40	40	35	34	33	24	107
24	32	30	30	28	27	27	27	50	50	91	104	107	102	93	87	78	60	47	43	40	41	36	34	35	27	107
25	33	32	30	30	31	28	26	48	51	95	102	109	100	93	82	73	58	46	42	41	40	39	35	34	26	109
26	34	32	31	29	29	27	26	46	53	87	83	109	100	92	76	68	61	54	51	48	45	41	40	36	26	109
27	38	35	35	34	32	33	32	51	60	77	94	93	92	86	78	70	59	46	44	42	42	40	37	37	32	94
28	34	33	33	31	30	30	30	34	50	89	90	86	81	77	66	67	55	50	52	51	53	46	55	55	30	90
29	52	50	49	47	46	46	45	50	56	88	103	101	101	95	88	70	57	49	45	44	42	40	37	32	32	103
30	32	32	31	32	30	32	33	41	49	48	60	77	98	95	69	71	55	46	43	42	44	42	43	36	30	98

MEAN MINIMUM TEMPERATURE IS 29.4 STANDARD DEVIATION IS 4.85
MEAN MAXIMUM TEMPERATURE IS 105.6 STANDARD DEVIATION IS 12.39

ASROC MOTOR IN CONTAINER CHANNEL 2A
AIR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 1.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	34	33	33	33	34	33	32	30	28	29	30	49	68	77	87	88	90	82	75	59	43	42	42	39	28	90	
2	37	39	42	43	45	44	43	40	37	39	42	47	53	55	58	53	49	46	44	41	39	36	34	33	33	58	
3	32	30	29	29	29	29	29	28	28	29	30	42	54	64	84	74	65	60	56	44	33	30	27	27	27	84	
4	27	24	22	20	19	17	16	16	16	19	23	42	62	71	80	78	76	69	62	45	29	26	23	21	16	80	
5	15	17	16	15	14	13	13	12	11	15	20	38	56	66	82	77	73	69	66	48	30	28	26	24	11	82	
6	23	24	25	22	19	18	17	15	14	18	23	42	61	67	74	75	77	75	73	52	31	28	26	23	14	77	
7	21	21	21	19	18	18	18	16	15	18	21	40	59	71	83	83	84	80	77	56	35	32	29	27	15	84	
8	26	25	24	26	28	25	22	21	21	23	26	46	67	80	94	75	56	51	47	40	33	30	28	27	21	94	
9	26	25	24	23	22	22	22	23	24	28	33	40	47	66	86	85	85	79	73	55	38	35	32	30	22	86	
10	27	27	27	25	23	22	22	22	22	26	30	41	53	71	89	87	86	80	75	57	40	36	33	31	22	89	
11	30	28	27	25	24	23	23	22	21	23	26	47	69	80	92	89	86	76	66	56	47	45	44	43	21	92	
12	43	42	42	42	43	42	42	42	42	42	42	54	66	72	78	77	76	70	64	54	44	42	41	39	39	78	
13	38	38	38	37	37	36	35	35	35	36	39	42	50	58	65	72	72	68	65	55	45	44	44	43	35	72	
14	43	42	41	41	42	41	41	40	40	38	37	46	56	66	76	81	86	79	73	58	43	39	36	34	34	86	
15	32	31	30	28	27	26	25	24	23	27	31	48	66	81	97	97	97	89	82	75	68	55	42	39	23	97	
16	36	34	33	30	28	27	27	26	25	25	25	27	29	47	66	83	100	95	91	87	83	65	47	44	25	100	
17	42	40	38	36	35	34	34	33	33	31	30	32	34	56	79	86	94	97	100	94	88	70	52	49	30	100	
18	46	44	42	40	39	38	37	37	38	36	35	39	44	64	84	94	104	103	103	99	96	77	59	55	35	104	
19	51	49	47	45	44	43	43	41	40	39	39	43	47	65	83	88	94	102	110	99	89	74	59	57	39	110	
20	56	52	49	49	47	46	43	41	40	40	40	44	48	68	88	98	109	110	112	103	95	82	69	64	40	112	
21	59	57	55	52	49	49	50	48	46	46	46	46	46	66	88	91	97	103	98	94	85	76	65	54	52	46	103
22	50	49	48	44	41	39	38	37	36	34	33	37	41	62	83	94	106	103	100	92	85	68	51	46	33	106	
23	42	41	40	37	34	34	34	32	30	28	27	31	36	58	81	91	101	99	98	92	86	68	50	45	27	101	
24	41	39	38	36	35	33	32	30	28	28	29	31	34	54	74	88	102	101	100	93	86	67	49	45	28	102	
25	41	38	36	35	34	32	31	30	29	27	26	32	39	60	82	93	104	103	102	98	95	73	52	48	26	104	
26	44	40	37	35	34	33	32	31	30	29	28	35	42	62	83	92	102	103	104	99	95	75	55	50	28	104	
27	44	43	40	38	37	37	37	35	34	32	31	38	45	65	85	96	108	110	112	104	96	76	56	51	31	112	
28	47	44	42	40	38	36	35	34	33	31	30	37	44	65	86	96	107	105	104	99	94	73	53	46	30	107	
29	46	44	42	40	38	36	35	34	33	31	30	37	45	65	85	97	109	107	106	101	96	75	55	50	30	109	
30	46	43	40	38	37	35	34	33	32	30	28	36	44	62	80	94	108	110	112	104	96	75	55	50	28	112	
31	45	43	41	38	36	35	34	32	31	30	30	37	45	65	86	91	96	106	117	95	73	63	54	51	30	117	

MEAN MINIMUM TEMPERATURE IS 28.0 STANDARD DEVIATION IS 8.01
MEAN MAXIMUM TEMPERATURE IS 95.2 STANDARD DEVIATION IS 13.98

ASROC MOTOR IN CONTAINER CHANNEL 2R
ATR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 2.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	49	46	43	42	41	40	39	39	40	38	36	37	38	63	88	94	101	107	113	105	97	79	61	55	36	113
2	50	47	44	42	40	38	36	34	32	31	31	37	44	59	74	89	105	101	98	97	96	78	61	56	31	105
3	52	50	49	48	46	44	44	40	37	37	37	42	47	66	86	96	106	103	100	87	74	61	49	45	37	106
4	42	39	36	35	34	32	31	29	28	27	26	28	30	55	81	90	100	102	105	96	87	68	50	46	26	105
5	42	39	36	35	34	32	30	29	29	29	29	31	34	56	79	91	104	101	98	92	87	70	53	40	29	104
6	45	42	40	38	37	37	37	35	33	31	30	37	45	65	86	95	104	103	102	98	94	75	57	53	30	104
7	49	45	42	41	40	37	35	35	34	33	30	37	45	67	90	97	104	104	105	100	95	75	56	50	30	105
8	45	42	40	38	36	34	33	31	30	28	27	37	47	65	83	93	104	106	109	105	101	79	57	50	27	109
9	44	43	42	39	37	35	33	31	30	29	28	38	40	69	90	102	114	111	108	103	99	79	59	53	28	114
10	47	43	40	38	36	35	34	32	31	30	30	40	50	68	87	95	104	105	107	103	100	81	63	57	30	107
11	52	50	48	47	46	43	41	40	39	38	38	47	56	74	92	103	115	112	110	105	101	85	69	63	38	115
12	57	53	50	48	47	45	43	42	42	41	40	48	56	76	96	108	121	112	104	86	68	62	56	53	40	121
13	50	48	46	44	42	41	40	38	36	36	47	58	78	98	108	118	118	114	110	89	69	63	58	54	36	118
14	50	48	46	44	43	42	42	40	39	48	57	66	76	97	118	115	113	107	102	85	68	63	58	57	39	118
15	56	53	50	49	48	47	46	47	48	54	60	62	64	69	74	72	71	74	77	71	66	61	56	52	46	77
16	48	46	44	41	39	38	37	35	34	38	43	58	73	77	81	80	80	72	65	58	51	49	48	47	34	81
17	47	45	44	40	37	35	34	34	34	36	39	61	83	95	107	107	108	102	97	76	56	51	47	44	34	108
18	42	40	38	40	42	39	36	35	35	45	55	75	96	102	109	108	101	95	77	60	55	50	48	35	109	
19	46	43	41	39	37	36	36	38	41	50	60	66	73	76	79	77	75	71	67	57	47	46	45	43	36	79
20	42	40	39	37	36	35	34	34	34	38	43	57	72	79	87	85	84	83	68	53	47	42	42	42	34	87
21	42	43	44	41	38	36	35	32	30	41	53	66	80	93	106	106	107	95	84	72	61	55	50	49	30	107
22	49	47	46	42	39	35	32	32	32	45	58	77	96	105	115	112	109	95	82	68	54	51	48	48	32	115
23	48	47	47	46	46	45	45	44	43	47	52	74	97	85	74	79	84	91	99	81	65	57	50	48	43	99
24	43	42	41	40	39	37	35	34	34	45	56	72	89	99	110	111	113	105	98	81	65	57	50	48	34	113
25	46	43	40	38	36	35	34	32	31	44	58	69	80	82	84	86	89	79	70	61	53	49	46	42	31	89
26	39	36	34	30	27	26	26	24	23	35	48	66	85	97	109	106	103	92	82	66	51	44	38	34	23	109
27	29	27	26	24	23	21	20	19	18	33	49	64	80	88	96	93	91	80	59	57	46	42	39	38	18	96
28	38	37	37	36	35	34	33	34	35	42	50	61	72	73	74	77	81	74	67	57	48	45	42	41	33	81

MEAN MINIMUM TEMPERATURE IS 32.9 STANDARD DEVIATION IS 5.85
MEAN MAXIMUM TEMPERATURE IS 103.4 STANDARD DEVIATION IS 12.63

ASRIC MOTOR IN CONTAINER CHANNEL 2A

AIR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 3.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	40	30	28	37	36	35	35	33	31	95	119	128	127	130	124	118	114	105	88	70	69	68	63	61	31	130
2	55	54	52	51	50	47	47	46	72	92	116	128	131	134	124	121	118	108	89	73	67	63	61	61	46	134
3	50	47	45	44	42	41	41	40	37	87	115	127	130	130	122	118	110	107	85	69	68	64	60	58	40	130
4	44	44	42	43	40	39	37	70	85	108	123	126	122	125	121	114	102	85	64	60	57	54	52	37	126	
5	45	54	43	42	41	40	38	66	74	101	118	125	115	102	96	92	85	74	61	56	53	50	47	47	125	
6	70	68	66	67	66	65	67	78	92	106	112	111	108	108	103	98	90	79	73	71	70	69	65	65	112	
7	66	64	63	62	61	59	58	55	76	98	116	131	133	134	134	131	117	103	88	78	75	73	72	70	55	134
8	45	43	40	38	38	35	34	54	75	97	119	131	138	136	138	130	122	113	94	78	75	73	72	70	54	138
9	74	72	70	68	66	62	63	65	72	90	99	83	114	120	124	92	90	82	77	75	65	66	66	62	62	124
10	66	64	63	62	58	53	53	53	60	101	124	124	124	135	129	119	117	108	90	82	80	77	77	70	53	135
11	47	64	50	57	55	50	56	57	70	101	124	124	124	124	124	124	120	108	93	77	73	70	69	68	55	128
12	64	61	60	57	54	54	54	54	71	95	121	132	139	143	136	131	123	118	104	80	78	73	70	67	54	143
13	40	57	55	55	55	54	50	47	72	99	123	129	128	127	147	139	132	119	107	83	79	73	69	67	50	147
14	59	56	54	54	51	50	49	47	71	101	123	137	132	135	120	125	116	110	97	78	72	66	67	64	47	137
15	54	53	52	51	47	46	45	46	68	100	123	134	120	130	132	125	118	111	98	76	69	66	62	62	45	134
16	50	47	45	45	44	43	42	42	64	98	123	118	133	133	124	120	117	110	97	73	66	61	61	59	42	133
17	62	65	63	63	59	60	57	51	71	103	108	106	111	113	116	109	105	101	90	67	61	58	53	52	51	116
18	64	61	58	56	55	53	51	51	70	103	127	137	144	140	145	134	131	120	107	82	76	72	69	66	51	145
19	54	54	52	49	48	47	44	49	67	101	123	136	138	135	132	128	123	112	96	82	77	75	73	71	46	138
20	51	50	58	57	53	55	51	53	70	104	120	112	120	121	121	126	122	112	102	74	68	63	60	57	51	126
21	62	58	54	55	52	51	50	51	67	102	121	130	135	130	134	129	119	106	93	77	71	67	63	65	50	139
22	60	69	60	68	65	63	62	61	71	98	117	131	130	130	137	131	124	110	93	77	72	69	68	66	61	139
23	72	71	70	68	66	65	62	68	77	101	113	118	123	127	127	118	111	104	92	78	75	73	72	70	62	127
24	64	61	60	58	55	54	52	55	70	108	127	141	143	141	134	133	126	116	101	84	78	75	73	73	52	143
25	61	58	54	54	53	51	52	53	69	106	121	140	149	149	148	138	138	127	110	85	78	77	73	69	51	149
26	59	56	54	52	50	51	56	65	105	128	134	138	138	138	138	137	129	122	110	82	73	69	66	64	50	138
27	53	56	55	53	51	48	47	50	64	104	126	138	141	137	138	128	129	118	104	80	72	67	65	62	47	141
28	65	61	61	56	53	50	48	51	65	103	122	132	130	137	138	133	127	115	102	78	72	69	66	63	48	139
29	75	73	71	71	68	67	63	64	76	95	108	107	121	119	119	116	108	102	92	77	71	70	57	67	43	121
30	73	78	75	74	75	71	66	70	83	109	119	125	126	125	126	124	121	102	101	84	80	78	75	74	66	126
31	78	74	76	73	72	68	65	70	82	122	141	111	126	115	112	105	97	82	62	52	49	46	44	43	43	141

MEAN MINIMUM TEMPERATURE IS 50.8 STANDARD DEVIATION IS 8.10
MEAN MAXIMUM TEMPERATURE IS 133.5 STANDARD DEVIATION IS 8.88

ASROC MOTOR IN CONTAINER CHANNEL 2A

AIR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 4.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	30	37	35	33	32	31	33	50	84	114	117	123	130	124	123	110	96	69	55	51	46	44	42	44	31	130
2	39	37	35	33	32	31	33	51	82	115	120	137	134	127	119	118	88	70	65	60	58	54	52	51	31	137
3	48	48	42	42	40	41	71	100	121	130	125	127	125	119	112	106	92	69	60	58	57	56	51	40	130	
4	47	46	46	44	43	42	58	74	110	121	122	132	134	134	123	116	100	72	62	57	54	51	48	42	134	
5	48	44	43	40	39	37	58	71	100	127	141	139	117	137	133	127	114	97	72	67	60	56	53	51	37	141
6	49	46	44	44	43	40	48	74	104	120	142	130	134	113	93	82	81	73	70	67	65	62	58	53	40	142
7	51	51	48	48	48	48	57	67	87	108	122	127	135	128	122	111	100	78	62	58	55	54	52	50	44	135
8	46	44	42	40	38	37	54	74	104	118	131	135	134	140	130	119	116	97	71	64	61	58	52	50	37	140
9	47	46	43	42	40	40	50	78	102	114	131	129	138	135	135	111	101	86	70	66	62	61	60	60	40	138
10	58	56	58	56	55	55	64	75	92	102	109	114	113	114	108	101	93	82	68	65	61	61	59	54	54	114
11	56	53	50	44	43	41	61	80	100	118	127	133	141	141	129	116	102	88	73	69	66	63	57	54	41	141
12	51	47	45	44	44	42	61	85	111	126	136	138	141	134	132	128	116	98	78	72	68	61	58	54	42	141
13	53	51	48	45	44	43	61	84	102	126	129	121	95	84	102	88	80	78	66	63	60	61	61	61	43	129
14	58	56	57	56	56	55	54	51	75	71	70	82	116	90	77	78	73	69	59	55	55	54	52	53	51	116
15	47	47	45	45	46	43	58	85	110	119	125	136	145	144	134	123	114	98	76	70	65	60	57	56	43	145
16	55	51	53	50	46	45	61	74	103	114	121	139	137	143	129	109	101	88	73	67	63	62	60	58	45	143
17	55	52	50	47	46	46	54	68	81	87	86	94	92	87	85	85	78	57	52	50	45	43	41	40	40	94
18	40	40	40	39	38	37	51	73	90	110	125	93	134	83	90	104	89	73	56	51	49	49	46	45	37	134
19	43	40	42	43	43	42	58	71	103	105	122	129	125	118	117	108	95	81	63	58	55	53	52	50	40	129
20	46	44	45	42	42	43	49	60	87	79	96	99	95	80	95	73	69	61	55	53	52	50	49	47	42	99
21	47	46	46	45	39	40	53	67	78	85	83	88	79	82	96	88	92	73	53	48	45	43	44	41	39	96
22	41	40	40	39	37	33	56	78	97	117	120	127	125	119	124	116	101	77	64	59	56	51	48	33	129	
23	48	49	44	42	39	37	57	86	108	121	127	131	127	131	114	105	95	82	63	58	56	55	54	53	37	131
24	54	54	52	51	49	48	56	70	82	97	105	103	102	92	88	82	69	61	55	50	50	47	45	43	43	105
25	42	41	42	40	38	38	49	72	85	105	118	122	118	96	103	91	82	70	55	51	49	46	45	43	38	122
26	44	45	46	40	37	36	53	77	98	111	119	118	117	122	118	112	101	90	67	58	55	51	47	44	36	122
27	42	40	40	38	36	36	54	80	110	124	129	128	127	141	128	115	113	93	75	65	59	55	55	53	36	141
28	53	51	49	45	42	42	62	89	110	128	134	137	131	98	108	111	97	73	65	61	60	57	56	42	137	
29	53	48	45	44	42	42	61	92	114	128	135	140	141	138	126	130	120	104	82	72	68	65	60	58	42	141
30	55	51	49	47	45	45	65	98	119	125	131	139	145	145	131	133	122	113	99	80	71	69	67	64	45	145

MEAN MINIMUM TEMPERATURE IS 40.5 STANDARD DEVIATION IS 5.10
MEAN MAXIMUM TEMPERATURE IS 129.4 STANDARD DEVIATION IS 14.74

ACROSS MOUNT IN CONTAINER CHANNEL 2R
AIR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 5.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	42	57	55	52	50	49	50	70	65	136	123	120	144	147	130	129	106	92	76	70	66	67	67	49	144	
2	53	56	55	52	49	49	51	69	85	95	108	112	104	133	107	116	106	99	84	68	40	57	56	55	49	133
3	53	51	50	47	42	44	48	67	78	90	106	114	120	117	116	108	103	86	68	59	56	55	53	52	42	120
4	54	53	52	49	44	47	40	60	93	113	118	126	130	137	138	134	115	102	91	71	61	57	57	57	47	139
5	51	50	46	47	44	43	45	52	95	108	130	135	142	137	125	129	112	96	75	68	42	60	58	57	43	142
6	57	54	51	51	52	53	53	58	60	58	63	59	62	104	92	68	61	65	61	56	54	51	52	51	51	104
7	53	49	49	48	47	48	40	55	68	108	120	126	134	134	98	117	75	62	75	83	65	58	57	54	49	134
8	45	45	43	42	40	40	42	65	88	104	121	120	134	134	134	131	118	96	80	72	62	59	57	55	40	134
9	51	49	48	46	44	44	45	70	94	113	128	130	130	145	143	130	137	96	90	82	73	69	66	61	44	145
10	60	61	61	58	56	59	60	72	101	125	137	144	93	130	118	119	***	80	77	74	67	62	61	59	56	144
11	57	56	56	53	51	51	53	79	106	124	127	145	148	105	150	127	94	80	83	77	73	71	70	69	51	150
12	69	67	63	62	60	60	58	82	94	126	137	151	150	155	148	147	137	121	110	89	78	74	72	64	58	155
13	67	67	66	63	63	63	61	70	79	104	115	125	126	131	133	130	124	112	93	80	75	73	59	67	58	133
14	65	65	60	56	54	53	55	87	108	127	135	144	143	150	152	142	139	127	112	92	79	76	71	68	53	152
15	66	63	60	58	57	55	57	83	105	126	134	144	144	153	150	148	139	123	107	92	80	76	74	74	55	153
16	73	73	71	72	70	69	71	86	85	98	134	143	150	155	134	134	120	111	95	83	71	69	66	63	53	155
17	61	60	56	54	53	52	54	70	92	109	121	129	136	130	136	137	125	110	99	85	69	60	55	53	52	137
18	53	51	48	48	46	45	44	68	93	113	124	130	131	146	138	134	137	117	110	96	71	65	63	58	44	146
19	54	53	53	51	46	45	45	69	97	114	130	138	147	149	129	118	129	123	118	94	77	72	69	67	45	149
20	44	61	60	55	52	51	52	72	93	116	136	145	145	145	128	121	115	106	95	84	73	70	68	66	51	145
21	64	61	60	60	55	52	50	58	69	73	80	88	91	98	103	103	99	93	88	73	58	55	52	50	50	103
22	49	49	48	46	45	46	47	63	88	113	115	130	133	140	140	141	130	118	110	91	75	72	70	65	45	141
23	60	57	55	53	51	50	52	72	99	118	130	144	138	141	144	147	141	130	120	101	79	73	70	67	50	147
24	61	59	57	55	53	53	53	74	103	119	132	130	143	152	147	143	137	134	118	100	83	78	75	72	53	152
25	70	68	65	61	59	56	56	76	102	122	136	142	150	151	147	146	139	121	111	96	82	77	74	72	56	151
26	68	67	64	63	62	60	58	75	95	99	112	121	131	124	124	124	110	105	82	76	68	63	60	56	56	131
27	52	51	48	47	47	47	49	57	70	72	101	108	119	93	90	78	99	101	82	70	55	52	50	49	47	119
28	48	49	49	50	47	45	48	52	65	102	119	134	138	145	109	102	126	84	104	90	67	59	57	55	45	145
29	53	52	50	47	49	45	45	63	94	113	109	126	135	135	129	124	116	102	92	81	67	63	60	58	45	135
30	54	53	51	48	47	46	46	63	86	107	123	131	134	138	127	118	107	99	88	77	66	63	61	59	46	138
31	58	56	55	54	52	52	52	57	78	79	95	80	120	114	107	103	96	95	84	72	59	56	55	54	52	120

MEAN MINIMUM TEMPERATURE IS 49.8 STANDARD DEVIATION IS 5.44
MEAN MAXIMUM TEMPERATURE IS 138.6 STANDARD DEVIATION IS 13.59

ASROC MOTOR IN CONTAINER CHANNEL 28

AIR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	52	49	45	45	43	39	38	59	92	110	120	130	129	137	133	131	126	118	103	88	70	62	61	58	38	137
2	57	56	52	52	51	47	45	63	83	90	101	129	107	128	116	126	116	121	101	79	60	61	58	56	45	129
3	54	51	50	49	45	44	44	61	80	109	123	130	143	150	143	147	118	123	98	80	74	70	67	64	44	150
4	58	57	56	56	54	54	54	62	90	90	126	130	141	139	143	136	126	120	109	90	78	72	68	66	54	143
5	63	63	61	60	57	54	52	69	101	119	132	134	138	140	152	152	142	134	124	108	84	78	74	71	52	152
6	65	65	61	58	56	55	55	73	102	113	139	107	131	136	153	149	149	136	125	104	84	80	76	73	55	153
7	71	67	61	59	56	55	54	74	104	121	139	109	150	147	154	144	145	134	125	104	87	82	79	77	55	154
8	74	73	70	66	63	61	60	78	103	121	141	148	157	157	150	146	135	129	114	91	85	81	78	75	60	157
9	73	68	65	61	61	60	60	72	91	105	110	130	145	146	147	151	137	119	106	95	79	72	69	63	60	151
10	63	60	57	57	55	54	54	68	85	103	113	129	134	145	145	152	153	146	139	125	112	89	82	78	52	153
11	61	59	56	54	54	52	52	70	98	118	130	139	145	154	155	150	146	137	132	120	101	88	82	79	58	151
12	76	70	68	63	60	58	59	76	106	125	130	147	151	150	150	146	137	132	120	101	88	82	79	78	58	151
13	77	75	74	72	72	69	68	80	100	116	133	141	154	157	156	150	139	129	116	104	87	81	77	73	68	157
14	70	69	67	65	61	58	58	76	107	126	141	148	152	154	157	148	150	146	131	116	84	88	85	81	58	157
15	78	73	70	67	66	62	63	80	107	129	145	157	164	158	157	157	154	143	135	116	98	91	87	83	62	164
16	81	75	72	73	69	65	65	81	111	127	141	152	158	157	159	154	147	136	124	111	95	88	85	81	65	159
17	74	77	75	71	69	66	66	82	108	123	144	150	159	161	151	150	140	128	119	107	91	85	80	76	65	161
18	73	70	73	70	66	67	67	78	111	129	141	150	156	160	161	150	137	131	121	108	90	84	81	81	63	161
19	80	77	75	74	70	68	67	80	111	132	147	150	158	165	167	151	141	126	117	106	89	83	78	74	67	167
20	74	73	69	66	62	60	60	77	112	127	143	152	155	156	161	160	150	146	133	121	96	88	85	81	60	161
21	78	73	71	70	67	64	64	80	113	127	141	151	163	160	160	147	146	135	126	112	94	86	84	79	64	163
22	79	75	75	70	69	63	62	78	117	132	145	155	162	157	161	156	152	141	127	113	95	88	83	82	62	162
23	74	74	75	71	71	68	65	80	110	129	137	147	155	159	157	150	143	131	122	110	92	85	84	80	65	159
24	78	76	72	70	68	66	67	77	103	123	139	152	149	145	144	142	135	127	119	108	90	85	83	81	63	152
25	81	79	77	77	75	74	73	83	104	118	129	132	138	140	141	137	133	124	114	104	88	83	81	79	73	141
26	74	77	75	73	73	72	72	82	100	111	124	129	131	135	131	131	125	117	108	98	84	80	78	76	72	135
27	75	74	73	73	72	71	70	78	92	104	115	125	133	132	129	126	118	111	105	92	79	76	73	72	70	133
28	70	70	69	68	67	66	66	75	95	119	129	133	154	148	146	127	118	114	104	92	79	74	72	71	66	154
29	69	63	63	60	58	55	55	70	100	116	130	130	141	140	150	154	149	137	129	117	91	82	79	75	55	154
30	70	69	66	61	60	57	57	71	105	125	141	147	157	153	156	157	145	141	133	116	92	85	82	78	57	157

MEAN MINIMUM TEMPERATURE IS 59.4 STANDARD DEVIATION IS 8.17
MEAN MAXIMUM TEMPERATURE IS 152.2 STANDARD DEVIATION IS 9.82

ASROC MOTOR IN CONTAINER CHANNEL 28
AIR INSIDE CONTAINER

YEAR IS 1971. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	76	73	72	66	63	61	61	74	117	126	144	154	163	156	156	150	147	139	129	111	92	86	83	78	61	163	
2	77	74	70	68	65	62	61	77	105	116	129	142	151	161	150	152	139	129	116	102	88	84	81	79	61	161	
3	77	76	74	68	66	65	63	77	98	113	128	141	149	155	158	155	145	135	120	106	91	85	82	79	63	158	
4	77	75	74	68	65	62	61	76	100	117	137	149	158	162	153	144	131	119	107	91	85	83	81	61	162		
5	79	78	75	68	67	62	62	76	104	118	136	147	150	161	165	155	147	117	123	108	92	85	82	79	62	165	
6	78	77	75	71	72	66	61	76	103	121	133	143	156	159	156	157	149	135	121	110	92	86	84	81	61	159	
7	79	78	76	70	68	62	61	77	101	116	131	143	151	164	155	147	140	131	120	106	90	84	82	79	61	164	
8	78	75	73	72	70	66	63	76	102	118	134	149	155	155	161	151	141	130	120	106	89	85	80	77	63	161	
9	74	73	68	67	65	61	60	74	107	126	142	148	154	159	162	161	152	136	123	108	91	85	82	80	60	162	
10	78	75	74	74	71	71	71	80	104	118	134	143	150	155	159	150	141	129	119	108	89	81	76	73	71	159	
11	73	72	69	66	62	60	62	75	103	125	139	148	160	159	158	151	149	141	128	117	95	88	82	82	60	160	
12	80	77	72	70	71	66	63	78	111	128	145	158	155	149	150	145	141	136	126	113	97	93	89	86	63	158	
13	80	78	77	74	77	72	70	82	113	131	147	159	163	161	160	155	147	143	134	117	102	95	88	85	70	163	
14	84	81	77	76	75	72	70	82	116	134	145	157	164	169	163	154	150	144	116	106	101	95	92	88	70	169	
15	86	85	82	81	81	81	75	81	88	97	128	148	154	166	164	116	107	139	115	116	94	88	85	85	74	166	
16	82	82	82	77	76	73	72	84	109	130	145	145	160	152	152	159	157	139	131	115	88	94	92	88	72	160	
17	82	85	83	81	81	81	72	79	77	98	110	106	91	93	100	111	141	104	101	109	88	82	79	78	72	141	
18	77	76	75	74	73	72	70	79	112	131	145	152	161	159	163	163	149	143	131	112	97	92	88	86	70	163	
19	84	83	81	79	76	75	73	85	104	115	122	145	159	165	165	130	118	150	143	136	114	99	94	90	87	73	165
20	87	85	84	79	76	73	74	88	113	132	144	155	159	165	162	158	143	147	122	113	101	96	94	92	73	165	
21	92	92	91	88	85	83	84	87	101	113	107	129	117	154	131	154	154	114	90	97	91	88	86	85	83	154	
22	83	81	80	78	76	75	75	85	113	130	150	150	159	164	169	161	138	134	126	115	99	94	91	89	75	169	
23	86	87	85	83	80	78	75	88	110	129	146	155	158	165	162	147	152	140	133	114	99	94	91	88	75	165	
24	85	83	79	78	74	72	70	83	110	127	145	153	162	163	157	155	145	140	128	112	96	91	88	86	70	163	
25	83	81	77	77	72	71	69	84	109	128	147	156	160	161	155	148	145	140	126	113	98	92	90	89	69	161	
26	82	81	77	74	72	70	69	85	110	129	140	147	157	164	168	159	151	146	130	115	98	95	91	87	69	168	
27	83	79	77	73	71	69	68	85	109	131	144	152	157	169	159	155	148	140	121	102	96	94	90	89	68	169	
28	84	81	78	76	74	72	70	87	109	133	147	155	162	168	169	154	150	139	132	119	103	96	95	90	70	169	
29	88	83	84	79	78	75	73	91	112	134	142	150	164	163	165	163	150	146	132	117	103	98	95	93	73	165	
30	89	85	82	79	77	76	73	87	110	130	144	156	155	163	161	157	153	141	128	108	90	95	92	88	73	163	
31	85	83	81	80	77	75	73	88	110	129	143	150	156	161	160	151	153	150	138	117	101	97	93	90	73	161	

MEAN MINIMUM TEMPERATURE IS 68.4 STANDARD DEVIATION IS 5.85
MEAN MAXIMUM TEMPERATURE IS 162.3 STANDARD DEVIATION IS 5.37

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1970. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	81	78	76	73	71	70	68	71	86	101	109	113	119	121	122	123	123	120	117	112	101	92	87	83	88	123	
2	80	78	76	73	71	69	67	70	84	101	116	125	130	130	131	131	130	127	122	118	106	98	93	89	67	131	
3	87	84	80	77	75	73	71	77	90	107	117	125	132	137	136	131	129	121	113	104	94	95	91	71	137		
4	88	87	84	83	82	80	78	81	93	107	118	125	132	135	139	137	134	120	111	106	102	97	95	92	78	139	
5	90	86	84	82	80	78	76	80	94	106	117	125	129	130	132	133	124	122	115	107	100	95	92	90	76	133	
6	88	86	84	83	81	78	77	79	92	107	113	120	124	124	128	128	125	112	104	101	94	94	90	87	77	128	
7	85	83	82	80	77	74	73	79	94	109	119	125	128	133	128	127	121	117	112	106	99	94	90	87	73	133	
8	86	85	83	82	81	82	81	82	87	100	106	106	106	109	107	101	96	93	89	87	84	81	78	74	74	109	
9	73	72	70	70	69	69	69	70	75	85	96	103	109	110	112	109	104	101	97	92	85	80	78	75	69	112	
10	73	72	70	69	69	69	69	70	75	85	96	103	109	110	112	109	104	101	97	92	85	80	78	75	69	112	
11	73	72	70	69	68	66	65	70	83	98	107	112	117	119	120	119	119	110	104	98	89	84	81	76	65	120	
12	73	72	70	69	68	66	65	70	83	98	107	112	117	119	120	119	119	110	104	98	89	84	81	76	65	120	
13	70	68	67	65	65	63	62	65	75	84	92	100	108	108	104	107	104	101	97	90	83	78	75	72	62	108	
14	70	68	65	64	61	61	58	63	75	86	96	106	113	114	113	114	116	113	111	105	98	88	85	81	59	116	
15	73	70	68	66	63	61	61	66	82	95	104	113	114	117	121	121	116	117	112	106	95	88	85	81	61	121	
16	76	75	73	73	70	68	67	71	82	95	104	113	114	117	122	124	122	121	120	114	106	97	90	87	83	67	124
17	80	78	75	71	69	67	65	70	84	98	106	111	117	122	123	123	122	119	116	111	100	91	87	84	65	123	
18	81	78	75	73	71	70	68	73	89	104	115	122	127	124	127	128	126	125	122	118	107	97	93	90	64	124	
19	86	84	82	79	74	74	73	77	94	108	120	125	130	130	132	132	132	131	122	117	110	101	97	94	73	133	
20	92	90	88	86	83	80	78	83	98	114	121	129	136	136	136	136	137	136	131	126	115	107	101	98	79	140	
21	95	94	92	90	88	84	84	84	102	109	125	133	141	143	141	130	135	131	123	115	107	101	98	84	143		
22	96	94	92	88	85	84	82	86	101	117	124	132	136	136	132	132	128	126	123	117	107	101	97	94	87	132	
23	91	87	85	82	79	74	76	81	96	112	121	127	132	135	137	133	132	129	123	115	106	100	97	95	76	137	
24	91	88	85	82	79	76	77	82	97	110	122	129	135	136	136	134	134	131	126	121	115	104	100	94	77	130	
25	92	90	88	85	84	82	81	85	97	113	127	132	141	125	146	143	140	135	129	123	112	107	101	97	81	146	
26	95	94	92	88	87	85	83	87	103	116	128	133	137	137	137	133	129	124	119	114	107	101	97	94	73	137	
27	91	88	85	82	82	79	78	80	90	107	117	121	126	127	125	126	124	119	112	102	95	90	87	78	138		
28	84	82	80	78	74	74	73	78	91	104	117	119	118	118	118	118	118	118	118	118	118	118	118	118	73	114	
29	78	77	75	73	72	70	69	71	80	93	101	109	115	117	120	120	119	118	113	109	97	89	85	81	69	120	
30	78	74	71	70	69	68	67	69	87	103	111	118	123	128	128	126	126	126	126	126	126	126	126	126	63	129	

MEAN MINIMUM TEMPERATURE IS 71.8 STANDARD DEVIATION IS 4.82
MEAN MAXIMUM TEMPERATURE IS 127.0 STANDARD DEVIATION IS 10.84

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1970. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	84	81	78	76	73	71	70	74	82	105	117	124	130	134	130	133	130	125	120	108	101	94	84	70	134	
2	90	86	83	81	78	77	75	80	95	106	116	126	133	136	137	136	134	134	123	114	108	103	99	94	75	137
3	95	94	92	89	86	85	84	88	91	109	118	130	138	144	130	125	121	116	113	107	104	101	97	94	84	144
4	94	92	90	89	88	88	86	88	91	110	109	127	135	133	121	118	130	127	124	123	113	106	103	100	86	135
5	97	96	94	93	92	90	89	93	106	108	129	136	141	143	141	132	128	126	119	111	104	102	99	89	143	
6	97	95	93	92	89	87	85	88	101	113	124	132	137	140	139	136	133	129	123	118	110	104	101	98	85	140
7	96	94	91	90	88	87	84	87	98	110	121	128	133	134	134	137	134	133	126	120	110	104	101	99	84	138
8	97	96	95	94	92	91	90	94	95	114	110	118	118	111	110	105	105	103	101	94	95	93	92	90	90	118
9	88	88	87	86	85	84	84	83	80	78	80	85	97	118	111	118	117	116	108	104	95	91	88	85	78	118
10	83	82	80	79	78	77	77	78	84	88	101	101	99	110	121	123	128	117	112	107	100	95	92	89	77	128
11	86	83	81	79	77	75	74	78	94	108	119	125	129	134	133	132	129	133	129	121	110	102	98	95	74	126
12	92	90	86	85	82	81	79	83	98	112	123	131	135	138	137	137	134	133	131	120	112	106	101	98	79	138
13	95	92	88	88	84	82	79	84	98	110	120	129	134	139	139	137	132	133	129	125	114	105	101	92	78	139
14	95	92	89	87	85	82	82	85	98	111	124	133	137	136	139	130	138	133	126	121	112	107	104	101	82	139
15	97	95	92	89	87	85	82	87	101	115	124	134	138	141	141	140	137	134	129	123	114	108	104	99	82	141
16	96	93	92	89	86	84	82	86	101	113	123	132	134	138	136	135	131	129	124	118	111	104	101	97	82	138
17	95	92	89	87	85	83	82	86	99	113	121	130	137	142	139	139	136	134	129	123	114	108	104	101	82	142
18	99	96	95	93	91	88	84	90	104	118	129	134	140	130	137	137	136	135	120	119	112	107	104	101	86	140
19	99	97	95	93	91	89	86	90	102	116	127	133	137	141	141	140	137	132	126	116	110	106	104	101	84	141
20	102	99	97	95	93	91	88	92	103	115	125	133	139	144	139	139	122	118	118	119	111	106	102	99	88	144
21	97	95	94	92	91	90	88	88	92	109	114	126	133	133	132	131	130	125	121	115	107	101	98	96	88	133
22	94	92	91	89	88	87	86	88	97	108	116	124	124	126	129	126	124	121	117	113	104	98	95	92	86	129
23	89	86	84	82	79	77	75	79	92	105	114	122	127	132	134	132	131	129	126	119	108	101	97	95	75	134
24	92	90	87	84	82	80	79	82	93	107	111	121	126	131	133	131	129	124	121	116	107	101	97	95	79	133
25	92	90	88	85	83	81	79	82	94	108	118	123	129	132	132	132	130	129	125	109	105	101	97	94	79	132
26	92	91	89	87	85	84	82	86	94	105	116	126	128	131	134	129	125	123	119	107	102	99	95	93	82	134
27	92	90	88	86	84	82	80	84	95	108	120	126	131	133	130	129	125	122	118	112	103	99	95	92	80	133
28	91	88	86	85	83	81	80	84	97	113	120	121	128	134	131	127	118	118	117	108	101	97	94	92	80	134
29	90	88	86	84	82	82	81	85	96	102	117	119	125	126	124	114	115	118	112	108	101	96	93	91	81	126
30	88	87	85	83	81	79	74	***	***	***	***	***	***	***	***	132	130	127	119	113	103	97	93	90	76	132
31	87	83	81	78	75	72	70	76	87	101	112	119	126	130	131	132	134	129	126	120	107	101	94	91	70	136

MEAN MINIMUM TEMPERATURE IS 81.1 STANDARD DEVIATION IS 5.20
MEAN MAXIMUM TEMPERATURE IS 135.0 STANDARD DEVIATION IS 6.43

ASROC MOTOR IN CONTAINER CHANNEL 27

TYP OUTSIDE SKIN OF MOTOR

YEAR IS 1970. MONTH IS 8.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	88	85	83	80	77	75	73	77	91	102	111	118	123	120	134	131	129	126	121	116	105	100	96	94	73	134
2	90	86	82	79	77	74	73	79	89	102	108	110	121	126	131	127	128	126	122	117	106	101	97	94	73	131
3	90	87	84	82	70	78	74	81	92	107	118	124	130	135	131	131	130	129	124	120	107	102	99	97	74	135
4	95	93	90	88	85	82	82	84	92	101	114	120	123	129	131	130	128	123	111	104	99	96	93	82	131	
5	91	88	84	85	82	81	78	82	84	101	118	126	129	132	132	133	131	127	123	113	107	101	98	94	78	133
6	94	92	88	85	83	81	79	83	93	110	118	130	134	136	139	137	137	133	127	122	110	104	101	97	78	139
7	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
8	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
9	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
10	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
11	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
12	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
13	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
14	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
15	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
16	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
17	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
18	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
19	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
20	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
21	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
22	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
23	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
24	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
25	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
26	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
27	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
28	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
29	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
30	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139
31	94	92	88	85	83	81	79	84	93	106	118	130	138	136	137	135	133	131	128	123	117	107	101	98	94	139

MEAN MINIMUM TEMPERATURE IS 70.5 STANDARD DEVIATION IS 3.67
MEAN MAXIMUM TEMPERATURE IS 133.0 STANDARD DEVIATION IS 3.02

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1970. MONTH IS 9.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	84	83	82	80	78	76	74	73	75	82	100	111	121	126	129	130	129	127	123	117	109	99	95	91	88	73	130
2	84	80	79	76	74	72	70	72	80	97	107	115	121	124	123	124	121	117	113	105	94	92	89	87	70	124	
3	85	82	79	75	72	70	68	70	78	94	104	114	119	124	123	122	121	117	112	104	95	90	87	84	69	124	
4	82	81	79	78	77	76	75	77	81	92	100	105	108	110	109	110	107	104	101	94	87	84	82	79	75	110	
5	78	76	74	72	70	68	67	67	72	86	98	106	109	111	113	110	108	107	103	93	83	79	75	72	67	113	
6	70	68	66	64	62	60	58	62	70	88	100	107	110	116	116	117	116	113	110	101	90	85	82	80	60	117	
7	78	75	73	71	69	67	66	68	77	93	106	116	118	122	124	122	121	120	117	109	97	92	89	85	66	124	
8	82	80	78	76	73	72	70	71	80	97	109	116	121	123	124	124	124	120	116	106	94	94	91	88	70	126	
9	84	82	79	77	75	73	72	73	81	98	111	120	123	125	126	126	126	123	120	110	99	94	91	88	72	126	
10	86	83	82	79	77	75	73	75	82	99	114	123	129	130	130	130	127	124	120	110	102	97	94	91	73	130	
11	88	87	85	83	82	78	76	74	76	85	101	116	123	128	128	128	124	122	118	113	105	98	95	92	90	76	128
12	87	86	84	82	80	77	76	75	76	85	97	106	110	111	113	114	110	109	106	103	95	90	87	85	82	76	114
13	82	80	79	78	76	74	73	73	78	87	96	102	104	104	104	103	101	99	95	87	82	79	76	75	73	106	
14	73	71	70	68	66	64	61	60	61	71	82	90	100	110	113	113	112	112	107	103	92	84	80	77	74	58	113
15	70	68	66	64	61	60	57	57	68	83	99	107	113	113	114	114	112	112	110	105	93	85	80	77	74	57	114
16	71	69	66	65	63	61	60	61	71	85	102	108	113	114	116	117	114	113	109	97	87	82	78	74	60	117	
17	73	70	68	65	63	61	60	61	71	85	99	110	118	121	122	120	120	117	112	100	91	87	84	80	60	122	
18	77	74	71	69	67	65	63	62	72	87	103	111	116	118	117	116	114	110	104	95	89	86	84	82	62	116	
19	81	79	77	76	74	73	71	72	79	89	99	103	106	107	109	106	104	101	96	88	84	82	80	78	71	109	
20	76	76	75	74	72	70	70	68	75	84	96	105	109	113	113	113	110	107	100	89	83	80	78	74	68	113	
21	73	70	68	66	63	61	60	59	70	82	97	105	108	113	111	112	109	104	98	89	83	79	75	74	50	113	
22	72	70	69	66	64	63	61	61	72	85	98	101	104	105	105	107	107	105	101	89	81	76	72	70	61	107	
23	67	65	63	60	59	57	56	56	68	80	97	105	110	113	113	111	109	105	100	91	86	83	81	70	56	112	
24	76	72	69	67	65	63	61	60	71	84	101	109	115	116	116	116	114	109	95	85	84	81	78	60	119		
25	73	73	73	72	70	69	67	67	72	85	95	101	106	109	109	109	109	109	109	95	85	82	75	72	67	100	
26	62	59	57	55	54	52	51	54	77	95	98	106	107	107	104	104	104	103	98	85	78	74	72	69	62	100	
27	67	64	62	61	58	56	54	54	67	79	97	106	107	109	110	109	109	106	101	90	83	78	74	74	56	110	
28	70	67	64	64	61	59	58	56	69	81	97	107	110	110	110	109	107	105	101	90	83	78	74	74	56	110	
29	71	69	66	64	63	62	60	59	70	81	98	104	110	113	114	113	114	113	107	95	89	84	80	76	50	115	
30	75	72	70	68	66	65	63	62	71	81	96	107	114	116	116	116	116	112	111	107	93	83	84	81	72	115	

MEAN MINIMUM TEMPERATURE IS 46.5 STANDARD DEVIATION IS 7.17

MEAN MAXIMUM TEMPERATURE IS 116.1 STANDARD DEVIATION IS 7.75

ASROC MOTOR IN CONTAINER CHANNEL 27
 VMP DRYSIDE SKIN OF HAYOR

YEAR IS 1970. MONTH IS 10.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE ME MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	76	74	70	68	64	64	65	64	75	85	104	104	109	110	110	110	106	100	89	84	81	79	77		64	110
2	75	73	72	70	67	65	63	61	69	85	100	102	111	104	110	107	102	105	99	90	87	84	83	80	63	111
3	70	74	77	75	73	71	74	70	75	79	83	87	83	87	92	103	105	95	87	83	81	75	74	79	70	105
4	71	70	68	66	65	63	62	61	71	81	94	105	110	113	113	112	110	107	100	88	84	82	80	78	61	113
5	75	73	72	69	64	64	64	64	64	77	82	95	104	112	113	113	108	102	95	88	84	82	80	78	63	113
6	77	75	75	73	72	71	71	71	71	78	83	92	97	98	97	94	94	92	86	80	78	74	73	71	59	101
7	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
8	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
9	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
10	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
11	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
12	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
13	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
14	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
15	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
16	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
17	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
18	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
19	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
20	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
21	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
22	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
23	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
24	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
25	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
26	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
27	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
28	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
29	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104
30	72	71	70	68	64	64	64	64	64	72	84	92	101	104	104	104	104	104	101	94	83	74	73	71	54	104

MEAN MINIMUM TEMPERATURE IS 54.6 STANDARD DEVIATION IS 9.54
 MEAN MAXIMUM TEMPERATURE IS 89.8 STANDARD DEVIATION IS 10.24

ASROC MOTOR IN CONTAINER CHANNEL 27
TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1970. MONTH IS 11.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	59	57	56	54	52	50	48	46	45	48	51	48	59	70	80	91	91	92	86	90	78	76	70	64	61	48	92
2	59	57	56	54	52	50	48	46	45	48	51	48	59	70	80	91	91	92	86	90	78	76	70	64	61	48	92
3	68	67	67	66	65	64	63	62	62	61	60	59	59	59	59	59	59	60	61	62	62	63	63	63	62	59	68
4	62	62	62	61	61	60	60	60	60	60	59	59	59	59	60	62	64	66	67	70	71	71	71	71	70	59	71
5	70	69	69	68	68	67	66	65	65	64	64	63	63	63	64	72	81	79	77	72	67	65	64	63	63	63	81
6	62	60	59	58	57	56	55	54	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	89
7	57	55	54	51	49	48	47	46	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	88
8	56	54	53	51	50	48	47	46	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	88
9	57	55	54	52	51	50	49	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	88
10	59	57	55	53	51	50	49	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	88
11	64	63	63	62	61	62	63	62	62	62	63	64	69	74	84	84	85	86	82	78	72	67	64	62	65	47	85
12	55	53	51	49	48	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	86
13	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	86
14	52	49	47	45	44	42	40	39	38	43	48	58	68	75	83	83	84	79	75	68	61	57	53	50	38	84	
15	48	46	45	43	42	40	39	37	36	40	45	54	64	72	81	81	81	80	80	71	62	58	55	52	36	81	
16	50	48	46	44	42	41	40	38	37	40	44	50	60	70	81	82	84	83	82	73	64	60	56	52	37	83	
17	52	50	48	46	45	43	41	40	39	42	45	56	67	74	81	82	83	80	78	70	62	50	55	53	39	83	
18	51	49	47	45	44	43	42	41	41	45	49	59	69	75	82	82	82	78	77	69	62	58	55	52	41	92	
19	49	47	46	44	43	42	41	39	38	40	42	50	60	70	80	80	80	78	78	70	62	58	55	52	38	80	
20	49	47	45	44	43	41	40	38	37	39	42	52	62	69	77	78	80	78	76	68	60	56	53	51	37	80	
21	49	47	45	43	42	40	39	38	38	40	42	52	63	70	78	78	79	79	70	70	62	59	56	53	38	79	
22	51	49	47	46	45	43	42	41	41	42	44	54	64	71	78	80	83	81	70	71	63	60	57	54	41	83	
23	52	50	49	47	46	44	43	42	41	43	45	56	68	75	83	84	85	83	81	73	65	64	64	63	41	85	
24	62	61	60	60	61	62	62	62	62	64	66	71	75	79	83	80	78	75	72	70	68	66	64	63	60	83	
25	62	61	60	59	58	57	57	56	55	56	58	63	68	71	74	73	72	69	67	62	58	56	55	54	54	74	
26	53	51	50	48	46	44	43	41	40	43	46	53	61	64	67	69	71	69	67	61	55	53	52	50	40	71	
27	48	47	46	46	47	45	44	43	43	43	43	47	52	57	63	62	62	58	55	53	52	50	49	48	43	63	
28	48	47	47	47	47	46	46	46	46	46	46	48	51	54	59	62	65	60	50	48	47	46	45	45	45	51	
29	45	44	43	43	43	43	43	42	42	44	47	53	59	62	65	65	65	63	62	57	53	51	50	49	42	65	

MEAN MINIMUM TEMPERATURE IS 45.7 STANDARD DEVIATION IS 7.92
MEAN MAXIMUM TEMPERATURE IS 80.1 STANDARD DEVIATION IS 9.30

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1970. MONTH IS 12.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	49	48	48	47	47	46	46	44	42	43	45	53	61	66	71	70	69	68	67	61	56	54	52	51	42	71
2	50	49	48	48	48	48	49	48	48	48	48	54	60	61	62	62	62	61	60	55	51	50	49	48	48	62
3	47	46	45	43	42	40	38	37	37	38	40	48	58	65	72	72	73	71	70	62	54	51	48	46	37	73
4	44	42	41	40	39	38	37	36	35	35	36	47	58	64	70	70	70	69	69	61	54	51	48	46	35	70
5	45	43	42	41	40	39	38	37	36	37	39	48	58	66	74	75	76	75	75	66	57	53	50	48	36	76
6	47	45	43	42	41	40	39	38	37	37	37	44	52	62	73	74	76	75	75	65	56	53	50	48	37	76
7	46	45	44	42	41	40	39	39	39	39	39	48	58	62	67	71	76	75	74	66	58	54	51	49	39	76
8	47	45	44	43	42	41	40	39	38	37	37	48	60	68	76	76	76	74	73	68	63	61	59	58	37	76
9	58	57	57	57	56	56	55	55	54	54	59	65	69	74	73	73	73	72	71	65	59	56	54	52	52	74
10	50	48	46	45	44	42	41	40	39	39	40	49	59	65	72	72	72	71	63	55	51	48	45	39	72	
11	43	41	40	39	37	35	34	34	34	35	44	53	62	71	72	74	73	72	64	56	51	47	44	34	74	
12	42	40	39	38	37	36	35	33	32	33	34	44	55	63	71	73	75	72	62	55	51	48	46	32	75	
13	44	42	40	38	37	36	35	33	32	33	34	44	55	63	72	72	73	70	68	61	55	52	50	48	32	73
14	47	45	44	43	42	41	41	40	39	37	36	46	57	62	67	65	63	65	67	60	53	50	47	45	36	67
15	44	42	41	40	39	37	36	35	34	35	34	45	54	62	64	67	64	61	55	50	48	46	43	34	67	
16	41	40	39	38	37	36	35	34	33	34	35	41	48	55	62	64	67	64	57	54	52	51	50	48	36	60
17	47	46	45	45	45	44	43	43	43	43	44	48	53	56	60	59	58	56	55	51	47	45	44	42	43	60
18	42	41	40	39	39	37	35	34	33	33	33	41	49	53	58	57	56	54	52	48	45	44	43	42	33	58
19	42	41	41	40	39	38	37	36	36	36	35	35	35	37	40	45	51	49	47	44	41	40	39	39	35	51
20	39	39	39	38	37	36	35	33	32	31	31	40	49	55	62	60	59	54	50	47	45	45	44	44	31	62
21	44	43	43	42	42	41	41	41	41	40	39	40	45	51	55	60	57	55	50	46	44	44	43	42	39	60
22	41	40	40	39	37	36	35	34	33	32	32	42	52	58	65	66	67	65	64	56	48	45	42	40	32	67
23	39	38	37	35	34	33	32	33	34	34	35	38	42	47	53	59	66	63	60	54	49	47	45	43	32	66
24	42	40	39	38	38	38	38	37	37	36	35	41	48	57	67	67	68	64	60	53	47	50	53	46	35	68
25	39	37	36	35	34	33	31	30	30	30	30	39	48	57	66	67	68	65	63	55	48	44	41	39	30	68
26	37	35	34	33	32	31	31	30	30	31	33	39	45	47	50	47	45	43	42	41	40	39	39	39	30	50
27	39	38	38	38	38	38	38	38	38	38	38	39	40	45	51	52	53	56	52	45	43	41	39	38	38	59
28	37	36	36	35	34	33	32	31	31	31	31	40	49	55	61	64	68	61	55	52	49	46	43	41	31	68
29	39	37	36	35	34	33	32	31	31	31	32	40	49	57	64	65	65	63	62	55	49	46	43	41	31	66
30	39	38	37	36	35	34	33	32	31	31	31	40	50	58	67	67	68	66	65	57	50	47	44	42	31	68
31	41	40	39	38	37	36	35	35	35	34	34	42	51	59	67	69	71	70	70	62	54	50	46	44	34	71

MEAN MINIMUM TEMPERATURE IS 35.8 STANDARD DEVIATION IS 5.09
 MEAN MAXIMUM TEMPERATURE IS 67.2 STANDARD DEVIATION IS 7.11

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 1.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	42	41	40	39	38	37	36	35	34	33	33	40	48	56	64	67	70	69	68	60	53	50	47	46	33	70
2	45	44	44	44	45	45	43	42	42	43	43	45	47	49	51	49	48	47	46	44	43	41	40	38	38	51
3	37	36	35	34	33	33	32	32	32	32	32	37	42	50	58	56	55	54	53	47	42	39	37	35	32	58
4	34	32	30	28	27	26	25	24	23	23	23	33	43	50	58	58	57	56	55	48	40	36	32	30	23	59
5	28	26	25	23	22	21	20	19	18	18	18	28	38	47	57	56	56	55	55	48	41	37	34	32	18	57
6	30	29	29	27	26	25	24	23	22	21	21	31	41	49	56	57	58	57	56	48	41	37	34	32	21	58
7	30	28	27	26	25	24	23	22	22	21	21	31	41	48	56	58	61	60	59	52	45	41	37	35	21	61
8	33	31	30	31	32	30	28	27	26	26	26	36	46	55	64	57	51	49	48	44	40	37	35	33	26	64
9	32	31	30	29	28	27	27	27	27	28	29	30	34	39	49	59	60	61	62	63	55	48	44	40	37	63
10	35	34	33	31	30	29	28	27	27	27	27	37	48	58	68	67	66	66	66	58	50	46	42	40	27	66
11	38	36	35	33	32	30	29	28	27	27	27	37	48	58	68	67	67	66	62	52	50	48	47	27	68	
12	47	46	45	45	45	44	44	44	44	44	44	47	50	56	62	63	64	62	60	55	51	49	47	45	44	64
13	44	43	43	42	41	40	40	39	39	40	45	50	54	59	60	61	60	59	54	50	48	47	46	45	39	61
14	46	45	44	44	44	45	46	44	43	41	40	44	48	54	60	64	68	67	67	60	53	49	45	42	40	68
15	40	38	37	36	35	34	33	31	30	30	30	30	40	48	58	68	73	78	72	67	64	61	56	51	47	78
16	44	42	40	38	36	35	34	32	31	31	31	31	31	40	50	60	70	69	69	69	69	63	57	53	31	70
17	49	46	44	43	42	41	40	38	37	36	36	36	36	46	57	65	73	75	78	78	78	70	63	58	36	78
18	54	52	50	48	46	44	43	42	42	41	40	40	41	51	61	70	80	82	84	84	84	76	69	64	40	84
19	60	57	55	53	51	50	49	47	46	50	55	50	45	55	65	71	78	83	80	83	78	73	68	65	45	89
20	62	59	57	56	55	53	51	49	48	47	46	46	46	56	66	76	86	88	90	88	87	80	74	70	46	90
21	67	64	62	59	57	56	54	53	52	52	51	50	50	59	69	76	83	83	84	79	75	69	64	60	50	84
22	57	56	55	52	50	48	47	45	44	42	41	41	41	51	62	71	81	81	82	79	77	70	64	58	41	82
23	53	51	49	46	44	42	41	40	39	37	35	35	35	45	52	62	72	76	76	77	77	69	62	57	35	77
24	52	54	56	49	43	41	40	38	36	36	36	36	36	46	56	66	74	76	78	77	76	68	61	55	36	78
25	50	47	45	43	42	40	39	37	36	35	34	34	35	46	58	67	77	79	82	81	81	73	65	59	34	82
26	54	50	47	45	44	42	40	39	38	37	36	37	38	48	59	68	78	80	83	82	82	74	67	61	36	83
27	56	53	50	48	46	44	43	42	41	40	39	39	40	51	62	72	82	84	87	85	84	76	68	62	39	87
28	57	54	52	49	46	44	43	42	41	39	38	39	40	51	62	71	81	83	85	83	81	73	66	60	38	85
29	55	52	50	48	46	44	43	41	40	39	38	39	40	51	62	72	82	84	86	85	85	76	68	62	38	86
30	56	53	50	48	46	44	42	41	40	39	38	39	40	51	60	70	80	84	88	85	83	76	69	62	38	88
31	56	53	50	48	46	44	42	41	40	38	37	38	39	40	59	64	69	76	84	78	73	68	64	60	37	84

MEAN MINIMUM TEMPERATURE IS 34.4 STANDARD DEVIATION IS 7.81
MEAN MAXIMUM TEMPERATURE IS 73.3 STANDARD DEVIATION IS 11.61

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 2.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	56	53	51	49	47	44	45	45	45	44	43	42	41	52	54	71	79	82	86	85	85	78	71	65	41	86
2	60	57	54	51	49	47	45	43	42	41	40	40	40	50	50	69	78	79	81	81	82	75	69	65	40	82
3	61	58	56	54	53	51	50	48	46	44	43	44	45	55	65	73	81	80	80	76	73	66	60	55	43	81
4	51	48	46	44	43	41	40	38	37	35	34	34	34	46	58	67	76	77	78	78	77	70	63	57	34	79
5	52	49	46	44	43	41	40	38	37	36	35	35	35	45	56	64	73	76	77	77	77	70	64	59	35	80
6	54	51	49	47	45	43	42	41	40	38	37	38	40	52	64	71	78	80	83	82	82	75	69	63	37	83
7	57	54	51	49	48	45	45	43	42	41	40	40	40	52	65	73	81	82	84	83	82	75	69	62	40	84
8	55	52	50	48	46	44	42	40	39	37	36	37	39	50	62	71	81	83	85	85	86	78	70	63	36	86
9	56	53	51	48	46	44	43	41	39	38	37	39	41	53	65	74	84	85	87	87	87	79	72	65	37	87
10	58	57	57	51	46	44	43	41	40	38	37	39	42	53	64	72	80	83	87	86	86	80	75	69	37	87
11	61	59	57	55	53	51	50	48	46	45	44	46	48	58	70	84	90	90	91	91	91	85	80	72	44	91
12	67	64	61	58	54	52	51	50	49	48	48	50	52	63	74	84	95	94	94	94	87	81	74	67	48	95
13	60	58	56	54	52	50	48	46	45	47	50	62	74	82	90	93	97	96	95	88	82	75	68	65	45	97
14	62	59	56	54	52	51	50	48	47	51	55	62	70	78	86	91	92	95	93	91	85	79	72	66	47	95
15	64	61	59	57	55	54	53	52	52	54	56	58	61	63	66	66	66	68	71	69	68	65	62	59	52	71
16	57	54	52	50	48	46	45	43	42	43	44	50	57	62	68	69	70	67	65	60	56	54	53	57	42	70
17	51	50	48	47	45	43	42	41	40	40	40	52	64	72	80	83	87	84	82	75	69	62	57	54	40	87
18	52	50	48	48	48	46	44	43	42	45	48	50	70	77	84	85	86	85	85	78	72	66	61	57	42	86
19	53	51	49	47	46	45	44	44	45	48	52	57	62	65	68	67	67	64	62	58	55	52	50	49	44	58
20	48	46	45	44	43	42	41	40	40	40	41	49	58	64	70	70	70	70	71	65	60	55	50	49	41	71
21	49	48	47	45	44	43	42	40	38	41	44	53	62	71	80	81	83	81	80	81	82	70	58	56	38	83
22	55	53	52	49	47	44	42	41	41	43	46	58	71	78	86	87	89	83	77	71	65	60	56	55	41	89
23	54	53	52	51	50	49	49	48	48	48	48	60	73	72	72	72	72	72	72	76	70	62	55	53	48	82
24	51	49	48	47	46	44	43	42	41	44	48	57	67	76	86	88	91	88	86	80	75	67	60	57	41	91
25	55	52	49	47	45	43	42	40	39	43	48	57	66	69	73	73	74	71	68	63	59	56	53	51	39	74
26	50	47	44	41	38	36	35	33	32	35	38	51	64	70	77	77	78	75	72	67	63	56	49	45	32	78
27	41	38	36	34	33	31	29	27	26	30	35	46	58	63	69	70	71	67	63	58	54	50	46	44	26	71
28	43	42	41	40	40	39	38	38	38	40	43	50	58	62	66	66	67	64	62	58	54	50	47	45	38	67

MEAN MINIMUM TEMPERATURE IS 40.3 STANDARD DEVIATION IS 5.34

MEAN MAXIMUM TEMPERATURE IS 82.2 STANDARD DEVIATION IS 8.44

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 3.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	44	43	43	42	41	40	40	39	38	78	94	102	104	106	107	105	105	102	95	83	79	76	73	71	38	107
2	65	65	62	60	58	56	55	55	65	75	91	100	105	108	107	106	106	103	96	85	79	75	72	70	55	108
3	60	57	55	54	52	51	50	48	61	70	88	98	102	104	103	102	101	100	92	81	78	74	71	68	48	104
4	57	55	53	52	50	49	47	46	61	68	83	93	98	98	99	101	99	97	90	78	72	68	65	62	46	101
5	72	71	70	69	68	66	64	64	68	72	84	92	101	98	92	90	88	86	82	73	68	65	61	59	59	101
6	77	75	75	73	72	71	71	71	78	83	92	97	98	97	96	95	93	90	86	80	78	76	73	71	71	98
7	75	73	72	69	68	66	64	63	72	82	95	105	109	112	113	113	108	102	95	88	84	82	80	78	63	113
8	71	70	68	66	65	63	62	61	71	81	96	105	110	113	113	112	110	107	100	89	85	82	80	78	61	113
9	80	78	77	75	73	71	70	70	73	79	83	87	83	92	101	105	95	95	87	83	81	75	74	73	70	105
10	75	73	72	70	67	65	63	61	68	83	100	102	111	106	110	107	107	105	98	90	87	84	83	80	61	111
11	76	74	70	68	66	66	65	64	75	85	108	108	108	110	110	110	106	100	89	84	81	79	77	77	64	110
12	75	72	70	68	66	65	63	62	71	81	96	107	114	116	116	116	112	111	107	93	88	84	81	78	62	116
13	71	68	66	64	63	62	60	59	70	81	98	106	110	113	116	113	116	113	107	95	89	84	80	78	59	116
14	70	67	64	62	61	59	58	56	69	81	97	107	110	110	110	109	107	105	101	90	83	79	77	74	56	110
15	67	64	62	61	59	56	55	54	67	79	97	106	107	109	110	109	108	106	101	89	82	78	74	73	54	110
16	62	59	57	55	54	52	52	51	64	77	95	98	106	102	104	104	104	103	98	86	79	74	72	69	51	106
17	73	73	73	72	70	69	67	62	72	85	95	94	97	99	100	99	98	97	93	82	75	72	67	64	62	100
18	76	72	69	67	65	63	61	60	71	84	101	109	115	116	119	116	116	114	109	95	88	84	81	78	60	119
19	67	65	63	60	59	57	56	56	68	80	97	105	110	112	112	111	109	105	100	91	86	83	81	79	56	112
20	72	70	69	66	64	63	61	61	72	85	98	98	101	104	105	107	107	105	101	89	81	76	72	70	61	107
21	73	70	68	66	63	61	60	59	70	82	97	105	108	113	111	112	109	104	98	89	83	79	75	74	59	113
22	76	76	75	74	72	70	70	68	75	84	96	105	109	113	113	113	110	107	100	89	83	80	78	76	68	113
23	81	79	77	76	74	73	71	72	79	89	99	103	111	116	118	117	116	114	110	96	88	84	82	80	71	109
24	77	74	71	69	67	65	63	62	72	87	103	111	116	118	121	122	120	117	112	99	91	87	84	80	62	118
25	73	70	68	65	63	61	60	61	71	85	99	110	118	121	122	120	117	113	109	97	91	87	84	80	60	122
26	71	69	66	65	63	61	60	61	71	85	102	108	113	114	116	117	114	113	109	97	87	82	78	74	60	117
27	70	68	66	64	61	60	57	57	68	83	99	107	113	113	114	112	112	110	105	93	85	80	77	74	57	114
28	73	71	70	68	64	61	59	58	68	82	97	106	110	113	113	112	112	107	103	92	84	80	77	74	58	113
29	82	80	79	78	76	75	73	73	78	87	96	96	102	104	104	103	101	99	95	87	82	79	76	75	73	104
30	87	86	84	82	80	77	76	76	85	97	106	110	111	113	114	110	109	106	103	95	90	87	85	82	76	114
31	88	87	85	83	82	78	76	76	85	101	116	91	99	97	96	95	92	86	76	68	63	59	56	54	54	116

MEAN MINIMUM TEMPERATURE IS 59.8 STANDARD DEVIATION IS 8.00
MEAN MAXIMUM TEMPERATURE IS 110.3 STANDARD DEVIATION IS 5.96

ASROC MOTOR IN CONTAINER CHANNEL 27
TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 4.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	51	49	47	45	43	42	41	51	64	85	91	93	97	101	101	100	98	94	82	71	65	61	57	54	41	101
2	51	49	47	45	43	41	41	51	68	86	96	103	105	105	103	103	99	92	82	76	71	69	65	62	41	106
3	59	57	54	52	51	49	52	61	83	95	102	105	107	110	107	106	101	99	83	74	70	68	66	62	49	105
4	59	56	54	53	52	50	54	64	85	97	99	106	107	110	110	107	106	101	87	78	72	68	65	61	52	110
5	59	56	55	52	50	48	54	62	84	97	106	110	107	113	112	110	107	101	86	79	74	70	67	63	48	113
6	61	58	56	55	53	51	53	63	84	98	106	104	108	105	95	86	85	80	77	74	72	70	67	63	51	108
7	61	60	57	56	55	55	57	62	74	87	96	101	104	105	104	101	95	87	76	70	67	64	61	60	55	105
8	57	54	52	50	49	46	51	61	80	91	98	103	107	109	107	105	103	98	85	77	73	70	65	62	46	109
9	59	56	55	53	51	49	55	65	82	91	100	103	106	110	110	103	97	91	82	76	73	70	68	64	49	110
10	66	65	64	63	62	61	63	70	81	88	92	96	97	97	95	92	90	86	78	74	71	69	66	64	61	97
11	62	61	60	56	53	51	57	67	81	92	98	104	110	112	109	104	99	92	85	78	76	73	69	66	51	112
12	62	60	57	55	53	52	58	70	88	98	106	108	111	113	111	110	107	101	90	83	79	75	71	67	52	113
13	65	62	59	57	55	53	60	71	83	99	104	104	93	87	89	91	83	83	76	72	70	69	68	67	53	104
14	65	63	62	62	61	60	59	57	67	68	65	73	78	81	73	74	72	70	66	61	61	60	58	57	57	81
15	55	55	52	51	50	50	56	68	85	93	98	105	113	113	111	110	106	100	88	81	77	73	70	67	50	113
16	65	61	61	59	56	55	61	67	84	92	97	109	109	113	110	104	98	92	85	78	74	72	70	68	55	113
17	65	62	60	57	56	55	59	63	72	71	75	79	80	78	75	74	73	66	61	58	55	52	50	49	49	80
18	48	47	46	45	45	44	50	58	73	82	91	96	96	81	89	86	83	76	68	61	58	57	54	53	44	96
19	51	49	49	49	48	47	52	61	78	83	92	96	100	97	97	94	90	84	75	69	66	63	60	59	47	100
20	56	54	53	51	50	50	51	56	70	70	80	82	83	77	81	77	75	69	63	61	59	57	56	54	50	83
21	53	52	51	51	48	46	54	59	67	73	73	76	77	79	80	80	78	75	64	58	55	53	51	50	46	80
22	49	48	47	46	45	43	52	61	76	85	95	97	99	98	98	97	96	84	75	70	66	62	60	57	43	99
23	56	56	54	51	49	47	56	68	83	93	97	101	102	104	100	95	91	85	77	70	67	65	62	61	47	104
24	61	60	59	57	56	55	59	64	73	80	87	86	86	82	80	76	72	68	63	59	57	55	53	51	51	87
25	50	49	48	47	45	45	49	59	70	80	90	93	93	89	88	83	78	74	67	61	58	55	52	45	93	96
26	51	51	49	46	45	45	52	62	75	85	91	93	95	97	96	93	91	88	78	70	66	61	58	55	45	97
27	53	51	49	48	46	45	54	68	85	94	100	103	104	108	106	104	104	97	87	78	73	69	66	63	45	108
28	62	60	57	56	53	51	61	73	86	98	104	108	107	107	98	95	88	84	77	73	70	68	65	51	108	108
29	62	59	56	54	53	51	59	73	89	98	105	111	113	113	111	112	110	104	94	85	80	77	73	70	51	113
30	67	62	60	58	56	55	63	78	94	99	103	109	116	116	112	109	107	102	92	84	79	78	75	75	55	116

MEAN MINIMUM TEMPERATURE IS 49.3 STANDARD DEVIATION IS 4.57
MEAN MAXIMUM TEMPERATURE IS 102.1 STANDARD DEVIATION IS 10.83

ASROC MOTOR IN CONTAINER CHANNEL 27
TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 5.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	73	70	66	63	61	60	58	48	30	100	99	106	114	118	116	113	111	104	97	88	82	78	76	73	58	118
2	70	67	66	63	60	59	59	65	75	80	88	92	94	101	98	98	95	91	87	80	72	69	66	64	59	101
3	62	61	59	57	53	54	54	60	69	77	86	91	95	96	95	92	90	84	78	70	66	63	61	60	53	96
4	59	59	58	56	55	54	54	57	73	88	93	100	105	108	111	110	104	98	84	75	71	68	65	54	111	
5	61	60	57	56	54	52	52	55	72	85	99	102	108	109	102	101	100	93	86	78	73	70	69	66	52	109
6	65	63	60	59	58	58	58	59	60	61	62	60	61	78	78	76	63	66	63	61	59	57	57	56	56	78
7	54	54	53	53	51	51	51	52	58	82	88	97	98	94	101	81	75	73	78	73	67	64	62	58	51	101
8	56	54	52	51	49	48	48	57	71	82	93	100	102	104	105	103	103	94	91	83	74	71	68	65	48	105
9	62	60	58	56	54	52	52	62	75	89	99	107	109	113	115	113	115	100	96	90	83	79	77	73	52	115
10	71	70	69	66	63	65	65	70	85	101	107	114	96	100	102	105	***	88	85	82	77	73	72	69	63	114
11	67	65	65	62	60	59	59	70	85	99	104	112	116	111	113	113	98	88	88	85	81	78	77	76	59	118
12	74	73	72	70	69	67	64	73	87	101	110	118	121	123	119	120	119	113	108	100	91	85	83	79	66	123
13	78	76	75	73	72	69	69	72	76	89	96	104	104	110	111	111	108	104	99	90	85	82	79	77	69	111
14	74	73	70	67	65	63	62	73	88	101	109	114	117	121	124	123	122	120	112	102	92	87	83	80	62	124
15	78	74	72	70	68	66	66	76	88	102	110	115	119	123	126	126	124	118	110	102	93	88	85	83	66	126
16	82	80	78	78	77	76	75	83	86	86	107	118	122	125	117	115	111	107	101	93	85	81	78	75	75	125
17	73	71	69	66	63	62	61	69	80	91	98	103	106	107	110	109	107	103	99	93	82	76	70	67	61	110
18	65	62	60	58	56	55	53	61	75	91	98	103	105	112	111	110	113	108	105	99	86	79	76	72	53	113
19	68	66	63	62	58	56	55	62	78	92	102	110	114	115	115	110	111	111	110	101	89	83	80	77	55	115
20	74	72	70	67	66	63	61	68	80	94	106	114	117	118	112	109	105	101	97	92	84	80	77	75	61	118
21	73	71	69	68	65	62	60	62	68	71	74	78	80	82	85	87	85	84	83	77	70	65	61	59	59	87
22	57	56	54	53	52	53	58	58	71	87	92	100	105	108	110	111	110	107	103	98	86	82	78	76	52	111
23	71	69	66	63	61	59	60	66	81	95	104	114	113	116	118	119	119	116	113	106	94	86	82	78	59	119
24	76	73	70	68	66	64	62	70	85	98	107	113	117	122	123	121	120	118	114	107	96	90	86	83	62	123
25	80	78	76	73	70	68	66	73	87	101	110	116	121	124	125	123	121	116	110	104	95	89	85	82	66	125
26	79	77	75	73	72	70	68	73	85	90	96	102	106	106	107	105	101	97	89	84	79	74	71	68	68	107
27	65	62	61	58	57	56	56	57	62	71	82	88	93	88	88	82	85	85	83	78	67	62	60	57	56	93
28	56	56	55	55	53	51	52	54	58	74	87	101	105	104	88	99	98	84	93	90	78	71	68	65	51	105
29	62	61	59	56	56	54	53	59	75	87	90	100	106	109	108	105	103	97	92	86	78	73	70	68	53	109
30	65	62	61	58	56	55	54	60	72	86	96	102	107	112	108	103	98	94	90	84	78	73	70	68	54	112
31	67	65	63	62	61	59	59	60	70	72	78	76	76	76	76	76	76	76	76	76	76	76	76	76	63	61

MEAN MINIMUM TEMPERATURE IS 58.5 STANDARD DEVIATION IS 6.34
MEAN MAXIMUM TEMPERATURE IS 110.1 STANDARD DEVIATION IS 11.40

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	60	57	55	54	52	50	48	55	72	85	93	99	104	108	110	107	107	104	98	92	82	75	72	65	48	110
2	67	65	62	61	59	57	55	59	71	77	86	95	91	102	97	100	102	105	96	88	74	73	70	67	55	105
3	64	62	60	58	56	54	52	58	73	86	96	102	108	114	116	118	114	110	101	93	85	80	77	74	52	118
4	70	68	66	65	63	62	61	63	77	83	99	106	110	114	116	116	113	109	105	98	88	83	77	76	61	116
5	74	72	71	70	67	65	62	67	84	96	106	110	113	119	121	123	120	119	116	110	98	90	86	82	62	123
6	74	76	73	70	68	66	65	70	85	96	109	115	116	114	124	126	126	121	116	109	94	92	87	84	65	126
7	82	78	75	72	70	67	64	72	87	99	112	119	122	124	128	127	126	122	119	110	99	93	90	87	66	128
8	85	82	80	77	75	73	70	76	89	100	113	119	126	128	127	125	123	120	113	102	96	92	88	86	70	129
9	83	80	77	74	72	71	70	73	83	92	100	107	116	121	124	123	121	113	104	99	88	82	79	75	62	116
10	75	73	70	68	66	63	62	61	67	82	95	105	111	116	120	124	123	122	118	113	100	93	89	86	61	126
11	73	71	68	66	63	62	61	67	82	95	105	111	116	120	124	123	122	122	118	113	100	93	89	86	61	126
12	85	82	78	75	72	70	69	74	90	103	109	117	122	124	127	124	122	120	116	107	99	93	90	88	69	127
13	85	86	82	80	79	78	76	79	91	100	110	117	123	128	130	128	125	121	115	109	100	93	89	86	76	130
14	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
15	80	78	75	72	70	68	66	71	86	108	118	126	131	134	136	137	135	131	128	121	110	104	99	95	73	137
16	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
17	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
18	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
19	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
20	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
21	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
22	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
23	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
24	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
25	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
26	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
27	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
28	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
29	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131
30	82	80	78	75	73	71	69	74	91	105	114	120	125	128	131	131	131	130	125	119	107	100	96	92	69	131

MEAN MINIMUM TEMPERATURE IS 49.0 STANDARD DEVIATION IS 7.97

MEAN MAXIMUM TEMPERATURE IS 126.0 STANDARD DEVIATION IS 8.68

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	87	84	82	78	76	73	72	76	99	105	117	124	131	132	132	131	129	125	123	117	105	98	95	90	72	132
2	87	85	82	79	77	75	73	77	92	101	109	116	123	128	129	130	124	120	114	109	100	95	92	89	73	130
3	87	85	83	80	77	75	73	77	88	98	107	116	123	127	130	130	129	124	118	112	103	96	93	90	73	130
4	87	85	82	80	77	74	73	77	89	100	112	121	126	131	132	131	127	122	117	112	103	97	93	90	73	132
5	88	87	85	80	78	75	73	77	92	103	113	121	124	130	134	131	129	120	121	112	104	97	93	90	73	134
6	88	86	84	81	80	77	73	78	91	103	113	118	126	129	130	131	125	119	113	105	98	94	91	73	131	
7	89	87	85	82	79	76	73	78	90	100	110	118	125	131	132	129	126	122	118	113	103	96	92	89	73	132
8	87	85	83	81	80	77	74	78	91	102	112	121	127	130	133	131	128	122	117	112	102	96	92	88	74	135
9	86	83	80	78	76	73	71	76	92	106	116	122	127	131	133	134	133	126	121	114	104	97	94	91	71	134
10	88	86	84	82	80	79	78	82	94	102	111	121	126	130	133	131	127	121	117	112	103	95	90	86	78	133
11	85	82	79	77	74	72	71	76	90	104	114	121	127	131	131	133	129	128	124	119	108	101	95	93	71	133
12	90	87	84	82	80	78	75	80	96	109	119	127	132	129	129	129	127	125	121	117	108	103	99	95	75	132
13	92	88	86	84	82	81	79	83	98	111	121	129	133	136	137	134	132	131	128	121	113	106	101	97	79	137
14	94	92	88	86	85	82	80	85	101	114	123	130	137	139	141	139	137	135	124	116	112	106	102	98	80	141
15	96	94	92	89	88	88	85	85	88	92	109	121	127	139	124	115	112	118	116	114	105	99	95	93	85	139
16	91	90	88	86	84	82	80	84	98	111	121	128	134	135	132	136	135	129	127	120	110	105	101	98	80	136
17	96	93	92	89	88	84	84	84	82	96	98	102	95	93	94	98	113	101	101	104	97	90	88	85	82	113
18	84	82	82	80	79	78	77	80	96	109	118	125	131	132	135	136	132	130	126	117	108	103	99	96	77	136
19	93	92	89	88	85	84	82	85	91	101	109	126	132	136	130	122	129	129	127	120	110	104	101	97	82	136
20	95	93	92	88	86	83	82	87	100	113	121	130	134	138	140	137	135	135	125	119	112	107	103	101	82	140
21	99	98	97	95	93	91	90	91	96	103	103	115	112	120	124	133	136	121	109	105	101	98	95	93	80	136
22	91	89	88	86	84	83	82	85	99	109	123	121	132	136	139	140	135	131	123	119	110	104	101	98	82	160
23	96	95	93	91	88	86	84	88	99	110	121	129	134	137	139	131	137	133	129	121	112	105	102	99	84	139
24	95	93	90	88	85	82	80	84	97	109	119	127	133	137	137	134	131	129	124	118	109	102	99	96	80	137
25	93	91	87	85	83	81	79	84	96	109	121	128	132	135	133	131	130	129	123	118	109	104	100	98	79	135
26	93	91	88	85	82	81	78	84	97	110	118	125	130	137	139	138	135	134	128	121	112	106	102	98	78	139
27	95	91	88	85	82	80	78	84	96	110	119	126	132	138	138	140	139	136	133	126	115	108	104	100	78	140
28	96	92	89	87	85	82	80	85	97	112	123	128	134	139	141	137	136	131	129	123	114	108	104	101	80	141
29	98	94	93	90	88	85	83	88	100	115	122	128	136	139	140	143	129	137	131	124	115	109	106	103	83	143
30	100	96	93	90	87	85	84	87	98	112	122	129	133	137	137	134	131	126	117	110	106	102	99	84	137	
31	95	93	90	89	87	85	83	87	98	112	120	127	130	136	137	134	135	136	132	124	113	108	104	101	83	137

MEAN MINIMUM TEMPERATURE IS 78.3 STANDARD DEVIATION IS 4.85
MEAN MAXIMUM TEMPERATURE IS 135.1 STANDARD DEVIATION IS 5.41

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 8.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	98	95	92	89	87	85	83	88	99	114	124	132	139	140	143	143	136	123	121	116	111	107	104	102	83	143	
2	101	99	98	95	92	91	88	80	101	117	124	130	136	137	140	140	139	134	122	115	107	104	101	98	88	140	
3	96	93	91	88	87	84	83	86	97	110	122	127	132	135	137	134	131	127	123	116	108	103	100	97	82	137	
4	95	92	91	90	88	87	85	86	98	109	116	124	131	134	136	136	134	128	129	117	110	106	103	100	96	84	136
5	94	92	91	89	88	85	83	86	96	107	118	126	136	136	131	135	128	126	116	108	103	99	95	83	136	83	136
6	94	92	91	88	86	84	83	85	94	107	118	125	131	135	135	133	130	127	122	117	107	101	98	95	83	135	
7	92	89	88	85	82	80	79	82	94	107	117	127	131	134	137	138	137	134	129	122	111	106	102	98	79	138	
8	97	95	92	91	88	85	83	86	97	112	120	129	132	137	137	138	137	137	136	112	107	103	99	95	83	138	
9	93	90	88	87	85	83	82	87	97	113	124	131	131	134	137	135	136	134	126	118	110	106	102	100	82	137	
10	98	95	92	89	87	85	83	85	93	106	117	124	130	133	135	137	136	133	129	118	110	105	102	98	83	137	
11	95	92	89	87	85	84	82	84	94	108	118	127	131	135	137	137	135	133	124	119	110	105	101	98	82	137	
12	97	95	93	92	88	86	83	86	96	106	119	126	134	130	134	134	132	127	121	114	106	102	98	96	83	134	
13	93	90	88	85	83	82	80	82	85	101	113	122	127	130	132	135	134	121	116	110	102	98	95	92	80	135	
14	89	87	85	84	83	82	81	84	91	107	119	124	129	132	132	134	132	129	121	110	104	100	97	94	81	134	
15	92	89	87	85	83	81	80	82	91	105	116	124	129	133	137	126	132	129	126	118	107	102	98	95	80	137	
16	92	90	89	86	86	83	81	83	92	107	118	127	132	137	137	135	129	125	121	115	105	100	96	93	81	137	
17	91	89	87	85	83	82	78	82	90	104	113	119	125	129	134	133	129	126	121	114	104	100	96	93	78	134	
18	90	88	85	83	82	81	81	82	88	111	116	118	126	134	134	133	127	127	122	114	105	101	98	85	81	134	
19	92	89	86	83	82	80	78	81	86	98	110	115	120	128	129	128	126	122	118	110	101	96	92	84	78	129	
20	86	84	82	79	77	74	72	76	84	97	107	113	120	123	129	131	126	120	115	109	99	93	90	87	72	131	
21	85	83	80	77	75	73	71	75	81	95	107	117	122	124	125	126	127	124	121	113	100	95	91	88	71	127	
22	85	82	79	76	74	73	71	73	83	95	111	117	116	117	125	117	110	107	100	97	91	82	88	71	125		
23	87	86	85	84	82	81	81	82	83	91	105	110	102	95	100	116	102	95	95	98	91	88	86	83	81	116	
24	82	81	78	77	76	74	73	77	84	101	113	121	125	129	130	129	126	123	120	111	102	98	95	92	73	130	
25	89	86	84	82	80	80	78	79	84	101	113	123	127	130	133	133	124	128	123	116	104	99	95	93	78	133	
26	89	87	85	83	80	78	77	78	85	100	116	121	125	129	131	134	131	128	128	117	107	101	98	95	77	134	
27	92	89	87	85	82	81	79	81	88	103	90	117	110	116	117	130	127	125	118	108	101	97	94	92	79	130	
28	90	88	86	84	81	81	79	80	87	103	113	122	126	129	127	126	126	123	118	110	101	98	95	92	79	129	
29	90	88	86	83	80	77	74	77	84	101	113	115	118	120	118	117	114	110	102	94	89	86	83	74	120		
30	81	78	77	75	73	72	70	71	78	90	102	113	117	119	120	121	121	119	114	104	95	90	86	83	70	121	

MEAN MINIMUM TEMPERATURE IS 79.5 STANDARD DEVIATION IS 4.50
 MEAN MAXIMUM TEMPERATURE IS 132.9 STANDARD DEVIATION IS 6.03

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 9.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	81	78	76	74	72	70	68	70	78	95	106	114	121	124	127	123	120	117	113	102	95	91	87	83	68	127	
2	81	78	76	74	72	70	69	75	83	95	108	113	119	121	119	117	114	110	105	97	92	88	86	84	69	121	
3	82	81	79	76	73	71	70	75	84	101	110	116	120	123	123	123	121	118	113	101	92	88	84	81	70	123	
4	78	76	73	72	70	69	66	74	82	101	110	116	119	121	123	123	122	118	115	102	94	89	86	85	66	123	
5	81	78	77	75	74	72	70	72	84	102	113	117	121	123	125	123	121	118	112	102	97	93	91	88	70	125	
6	85	83	80	79	77	75	73	79	87	104	115	104	85	82	81	82	85	88	85	81	79	78	77	74	73	115	
7	73	73	71	70	69	67	64	71	78	98	107	114	117	121	121	123	121	120	116	103	94	89	86	83	64	123	
8	80	78	75	73	71	70	68	75	82	97	111	117	121	125	126	126	125	121	116	105	98	94	93	90	68	126	
9	88	85	82	81	79	78	77	82	89	106	117	124	128	130	129	128	127	125	119	109	104	101	97	94	77	130	
10	92	89	87	85	84	82	81	83	91	110	121	128	132	133	130	133	130	128	122	117	109	105	102	99	81	150	
11	92	90	88	85	84	82	81	84	92	110	120	126	132	130	133	130	133	130	128	122	117	109	105	102	99	81	150
12	92	89	88	86	84	82	80	86	93	110	122	128	131	132	130	133	130	128	122	117	109	105	102	99	81	150	
13	90	90	88	85	84	82	82	87	95	96	106	131	124	129	136	135	132	128	125	112	108	107	102	101	82	136	
14	96	97	95	92	90	88	85	88	95	113	126	131	137	139	140	138	137	133	127	113	107	103	101	98	85	140	
15	97	96	95	93	92	90	89	91	97	110	126	128	134	139	139	138	139	137	134	128	117	110	107	103	99	89	139
16	97	96	95	92	90	88	86	86	95	107	120	127	133	136	140	134	128	122	117	109	105	102	99	92	86	140	
17	97	95	93	89	88	87	86	87	96	107	120	127	133	136	140	134	128	122	117	109	105	102	99	92	86	140	
18	77	74	72	70	68	67	66	65	75	86	92	98	101	104	106	106	104	101	97	88	81	77	73	71	85	108	
19	68	65	61	59	57	56	53	53	67	82	97	104	107	112	114	113	112	109	105	91	84	80	78	75	53	114	
20	72	70	68	65	61	59	57	58	69	82	99	105	110	112	116	111	107	104	99	90	86	83	80	77	57	116	
21	74	72	71	68	67	66	66	62	72	85	97	104	109	113	114	113	111	106	101	90	83	79	76	73	62	114	
22	71	69	67	65	61	61	59	59	70	83	100	107	107	112	112	110	109	106	102	90	84	80	76	73	59	112	
23	72	70	67	62	60	59	57	57	70	83	99	109	113	115	116	113	116	113	108	94	88	84	79	76	57	117	
24	73	70	67	65	62	61	59	59	70	83	99	107	111	108	110	109	105	103	98	88	84	80	77	74	59	111	
25	71	68	68	66	63	62	61	68	74	84	90	92	94	93	90	90	87	85	76	72	70	68	63	61	94		
26	61	59	58	56	54	53	52	51	60	71	85	92	90	91	91	89	87	84	80	73	71	69	67	66	51	92	
27	65	62	61	61	59	58	57	56	63	75	89	97	102	102	104	103	103	100	95	82	75	73	69	66	56	104	
28	61	61	59	56	54	52	51	50	60	73	87	95	99	99	99	99	94	94	88	79	74	71	69	67	50	99	
29	65	60	59	58	56	54	52	50	61	69	88	91	93	99	97	95	93	90	82	77	74	72	71	70	50	99	
30	69	68	66	65	62	61	61	60	67	71	78	79	82	82	83	81	79	78	75	68	63	60	58	56	83		

MEAN MINIMUM TEMPERATURE IS 67.5 STANDARD DEVIATION IS 11.07
MEAN MAXIMUM TEMPERATURE IS 119.9 STANDARD DEVIATION IS 17.41

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 10.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE OR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	53	52	50	49	47	45	44	43	55	67	82	91	95	99	98	98	96	93	88	75	69	65	60	57	43	99
2	56	54	52	50	48	47	46	44	56	69	85	95	98	98	98	98	100	97	92	78	73	69	67	65	44	100
3	61	58	56	54	52	51	49	48	60	72	87	95	97	99	101	99	98	96	92	81	75	71	69	66	48	101
4	63	61	59	58	56	55	53	52	66	77	94	97	101	103	105	104	104	102	98	86	80	77	73	71	52	105
5	68	66	65	63	61	59	57	56	70	79	96	102	105	105	106	106	106	103	98	88	82	78	74	71	56	106
6	69	67	65	63	61	59	57	71	81	96	106	110	110	111	110	109	107	102	89	84	80	76	74	57	111	
7	72	70	67	66	62	61	59	57	71	81	96	106	110	114	113	112	110	107	102	90	84	81	78	76	57	114
8	73	71	69	67	65	62	61	60	72	82	97	107	111	112	114	113	113	110	104	92	86	83	80	77	60	114
9	75	73	71	68	66	65	63	61	73	82	98	107	113	115	116	114	113	111	105	93	88	84	81	78	61	116
10	77	74	72	69	67	66	65	61	74	82	97	107	114	118	120	118	116	115	109	95	89	85	82	78	61	120
11	76	74	73	70	68	66	63	61	73	82	95	105	115	116	119	119	117	113	107	94	88	85	82	80	61	119
12	79	76	73	71	70	69	68	67	76	83	98	107	112	117	119	118	115	108	94	88	84	81	79	67	119	
13	77	74	72	70	68	66	63	61	73	81	98	108	112	115	115	115	112	108	102	94	90	87	85	82	61	115
14	81	78	76	74	78	77	75	83	88	97	103	104	104	104	103	102	100	98	93	86	83	82	80	78	75	104
15	76	75	74	72	70	69	66	65	70	73	80	84	87	88	85	84	82	75	71	66	63	61	60	60	88	
16	57	55	53	51	50	49	48	48	52	56	65	70	72	73	75	73	70	69	62	55	52	51	49	48	48	75
17	46	45	43	41	40	39	38	36	42	51	68	77	82	85	86	85	84	80	70	61	57	55	53	52	36	86
18	51	50	48	45	43	41	40	39	47	55	69	80	84	86	88	88	85	83	76	63	59	56	53	51	39	88
19	49	47	45	44	42	41	40	39	48	57	74	84	88	91	91	90	88	85	78	68	63	61	57	55	39	91
20	53	50	49	47	45	44	43	42	52	61	76	85	92	94	93	88	82	77	73	70	68	62	60	57	42	94
21	56	54	52	51	50	48	47	45	54	61	78	90	94	96	95	95	95	93	85	73	69	65	62	60	45	96
22	57	55	53	51	49	47	45	44	54	62	79	90	96	98	100	95	94	93	84	74	70	67	66	61	44	100
23	58	56	55	53	52	51	50	47	56	65	80	90	90	90	88	91	88	80	75	71	69	66	65	63	47	91
24	61	61	61	59	58	57	55	54	54	61	72	77	81	79	83	78	78	71	64	60	57	56	55	54	54	83
25	53	50	48	46	45	45	45	46	46	47	55	55	55	52	66	70	79	76	75	67	60	58	57	56	45	79
26	51	51	50	49	46	45	43	42	49	58	73	85	91	93	94	93	92	87	78	71	67	65	61	59	42	95
27	57	56	54	53	51	50	49	47	55	63	75	86	92	85	84	82	78	75	69	66	63	61	60	59	47	92
28	58	56	55	53	52	51	50	48	48	49	50	50	48	54	58	66	69	62	54	49	46	45	43	42	42	69
29	41	40	40	39	39	37	35	34	38	43	55	67	71	74	75	74	73	71	59	51	48	45	42	41	34	75
30	38	36	34	33	32	30	29	28	34	44	58	71	75	78	78	77	76	73	62	55	51	47	46	44	28	78
31	44	43	41	39	38	36	35	33	37	46	59	73	79	80	81	80	78	75	65	57	52	50	48	45	33	81

MEAN MINIMUM TEMPERATURE IS 49.3 STANDARD DEVIATION IS 10.94
MEAN MAXIMUM TEMPERATURE IS 96.9 STANDARD DEVIATION IS 14.69

NWC TP 5039
Part 2

ASROC MOTOR IN CONTAINER CHANNEL 27

TOP OUTSIDE SKIN OF MOTOR

YEAR IS 1971. MONTH IS 11.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	43	41	30	37	37	36	34	33	41	51	61	80	83	83	83	81	76	63	57	53	51	48	46	45	33	83	
2	42	41	30	38	36	35	34	50	55	70	78	82	83	83	83	82	78	66	61	57	54	51	49	44	34	83	
3	45	43	42	40	39	37	37	51	57	73	82	86	90	91	90	88	84	70	64	59	56	53	51	48	37	91	
4	44	45	43	41	40	39	38	53	58	73	82	86	91	90	89	89	83	71	66	62	61	58	55	55	38	91	
5	54	53	51	51	49	47	47	54	65	81	88	93	94	94	93	90	87	73	68	65	61	58	56	55	47	94	
6	52	51	50	48	48	46	46	57	62	79	84	87	88	88	87	86	82	70	63	60	56	55	52	51	46	88	
7	49	47	45	44	42	40	40	52	57	73	82	88	90	90	88	88	82	72	67	67	65	63	62	61	40	90	
8	60	56	55	51	49	47	45	55	61	74	85	89	91	90	88	84	75	68	64	60	57	55	55	53	45	91	
9	50	49	47	46	45	44	43	53	59	74	84	86	88	88	85	80	72	65	61	58	56	54	51	50	43	85	
10	47	46	45	44	42	41	40	48	58	73	79	82	84	84	88	85	78	69	65	61	59	57	56	54	40	88	
11	53	53	53	52	51	51	51	51	58	64	70	76	77	74	72	68	67	63	58	55	54	53	51	48	46	51	79
12	60	59	59	58	57	57	57	60	67	80	84	86	88	88	85	80	72	65	61	58	56	54	51	50	46	73	
13	44	43	41	40	39	38	37	46	53	65	77	80	81	80	78	78	72	61	57	56	55	53	52	50	37	81	
14	49	48	45	44	42	41	40	48	53	65	77	80	81	80	78	78	72	61	57	56	55	53	52	50	40	80	
15	43	45	45	45	42	40	39	47	53	65	70	76	73	72	72	69	65	59	56	55	54	53	51	51	39	76	
16	50	50	49	49	48	47	47	51	52	67	76	78	78	77	76	78	70	59	55	52	50	49	47	45	45	78	
17	42	40	42	38	37	35	33	42	49	63	73	75	76	76	75	74	70	58	52	49	46	45	43	42	33	76	
18	41	40	38	37	35	37	37	38	41	45	60	68	69	70	70	68	63	56	52	49	46	45	43	43	35	60	
19	40	38	37	36	35	36	34	42	50	62	68	69	70	70	70	68	63	56	52	49	46	45	43	43	34	70	
20	42	41	41	39	38	38	38	40	45	59	69	78	78	73	71	68	61	56	53	51	48	47	45	44	38	78	
21	43	42	41	40	38	37	36	38	46	55	66	63	63	63	62	61	59	54	52	49	46	45	43	41	36	63	
22	40	39	38	36	35	34	33	41	44	56	62	70	75	76	76	74	69	58	53	50	48	46	44	42	33	76	
23	40	40	37	36	35	34	33	40	50	61	73	78	79	80	78	77	71	60	56	52	50	48	45	44	33	80	
24	43	40	40	38	37	36	35	41	51	61	73	78	79	79	79	78	73	61	56	53	51	48	46	45	35	79	
25	43	42	40	39	40	38	36	41	51	63	73	80	80	80	79	77	70	60	56	53	51	49	47	45	36	80	
26	44	42	41	40	38	37	36	40	51	60	67	77	78	80	75	73	68	62	60	56	54	51	50	47	36	80	
27	46	45	43	43	41	40	40	45	56	61	72	73	75	76	75	73	69	60	56	54	52	51	48	46	40	76	
28	45	43	42	40	40	40	39	38	48	60	67	68	67	66	64	68	64	56	56	56	55	54	56	56	38	68	
29	55	54	53	52	51	51	50	52	59	67	77	80	82	82	83	78	71	61	58	55	53	51	49	45	45	83	
30	44	43	41	41	40	39	40	40	47	47	51	58	77	72	70	69	61	56	52	51	49	49	48	46	39	77	

MEAN MINIMUM TEMPERATURE IS 39.1 STANDARD DEVIATION IS 4.91
MEAN MAXIMUM TEMPERATURE IS 79.9 STANDARD DEVIATION IS 8.10

ASROC MOTOR IN CONTAINER CHANNEL 26

SHELL GRAIN TOP

YEAR IS 1971. MONTH IS 1.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	47	45	44	43	43	42	41	40	39	38	37	36	42	47	52	55	58	59	60	58	57	54	51	50	37	60
2	49	47	46	46	46	46	45	45	45	44	44	45	46	46	47	47	48	47	47	46	45	44	43	42	42	49
3	41	40	39	38	37	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	34	50
4	30	37	36	34	33	31	30	29	28	26	24	22	26	30	36	42	44	46	47	49	50	47	45	42	39	34
5	34	32	31	29	28	27	26	24	23	22	22	26	30	36	42	44	46	46	47	46	45	42	39	37	22	47
6	35	34	33	31	30	29	28	27	26	25	24	24	28	32	37	43	45	47	48	49	47	45	42	40	37	24
7	35	34	33	31	30	29	28	27	26	25	25	29	33	38	43	46	49	50	51	49	48	45	42	40	37	25
8	33	36	35	34	33	32	31	30	29	28	28	33	37	43	49	49	49	48	47	45	44	42	40	38	29	49
9	37	35	34	33	32	31	30	30	30	30	30	32	34	39	45	47	50	52	54	52	50	47	45	43	30	54
10	41	39	38	36	35	34	33	32	31	30	30	34	39	45	52	54	56	57	57	55	53	50	47	45	30	57
11	43	41	40	38	37	35	34	33	32	31	30	34	39	45	52	54	56	57	58	56	54	52	51	50	30	58
12	49	47	46	45	44	43	42	41	40	39	38	41	46	50	54	56	58	58	58	56	54	52	50	49	45	58
13	49	47	46	45	44	43	42	41	40	39	38	41	46	50	54	56	58	58	58	56	54	52	50	49	45	58
14	48	47	46	45	44	43	42	41	40	39	38	41	46	50	54	56	58	58	58	56	54	52	50	49	45	58
15	46	44	43	41	40	39	38	37	36	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
16	50	47	45	43	42	40	39	38	37	36	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
17	53	51	49	47	46	45	44	42	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
18	58	56	54	52	51	49	48	47	46	45	44	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
19	64	62	60	58	56	55	54	52	51	50	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
20	66	64	62	60	58	57	56	54	53	52	51	50	49	48	48	48	48	48	48	48	48	48	48	48	48	48
21	71	69	67	65	63	61	60	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40
22	63	61	60	58	57	55	53	51	50	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32
23	60	57	55	53	51	49	48	46	45	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27
24	58	55	53	51	49	47	46	44	43	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
25	57	54	52	50	48	47	46	44	43	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
26	60	57	54	52	50	48	47	46	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27
27	62	59	57	55	53	51	49	47	46	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
28	64	61	58	55	53	51	50	48	47	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29
29	62	59	57	55	53	51	49	47	46	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
30	63	60	57	55	53	51	49	47	46	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
31	63	60	57	55	53	51	49	47	46	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28

MEAN MINIMUM TEMPERATURE IS 37.5 STANDARD DEVIATION IS 7.84
 MEAN MAXIMUM TEMPERATURE IS 63.0 STANDARD DEVIATION IS 10.07

ASDIC MOTOR IN CONTAINER CHANNEL 26

SHELL GRAIN TOP

YEAR IS 1971. MONTH IS 2.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	60	58	56	54	53	51	50	49	48	47	47	46	45	49	53	58	64	67	70	72	74	73	72	68	45	74
2	65	62	60	57	55	53	52	50	48	46	45	44	43	47	52	57	63	66	69	70	72	71	70	66	43	72
3	67	64	61	60	58	56	55	53	52	50	49	48	47	51	56	62	68	69	71	70	70	67	65	61	47	71
4	52	56	54	51	49	47	46	44	43	41	40	39	38	42	47	54	61	63	66	67	69	67	66	62	38	69
5	56	55	53	51	49	47	46	44	43	41	40	39	38	42	46	52	58	61	65	66	68	66	65	62	38	68
6	50	56	54	52	50	49	48	46	45	44	43	42	41	46	52	57	63	66	70	71	72	71	70	66	41	72
7	42	60	58	56	54	52	50	49	48	46	45	44	43	48	53	59	66	69	72	73	72	71	68	43	73	
8	42	50	57	55	53	51	49	47	46	44	42	41	41	46	52	58	65	68	72	73	75	73	72	67	41	75
9	43	60	58	56	54	52	50	48	46	44	43	43	43	48	53	60	68	71	74	75	76	75	74	69	43	76
10	45	62	59	56	54	52	50	48	46	44	43	43	43	48	53	60	68	71	74	76	75	75	75	71	43	76
11	67	64	62	60	58	56	55	53	52	51	50	49	48	53	59	66	74	76	78	79	81	80	80	76	48	81
12	72	69	67	64	62	60	58	57	56	54	53	52	52	57	63	70	78	81	85	84	83	78	74	70	52	85
13	67	65	63	60	58	56	55	53	52	51	50	50	50	56	62	68	75	82	83	84	82	78	74	71	50	84
14	68	65	63	61	59	57	56	54	53	52	52	52	52	57	62	68	74	77	81	81	81	77	73	71	52	82
15	69	67	65	63	61	59	58	56	55	54	53	52	52	57	63	69	75	81	82	81	81	77	73	71	52	82
16	61	59	57	55	54	52	50	49	48	47	47	49	52	55	59	61	63	65	67	67	67	65	64	62	56	69
17	54	53	52	51	50	48	47	46	45	44	44	48	53	59	65	68	72	72	73	71	70	66	63	60	47	63
18	58	56	54	53	52	50	49	48	47	46	45	48	53	59	65	68	72	72	73	71	70	66	63	60	44	73
19	60	58	56	54	53	52	50	49	48	47	47	48	52	57	63	70	75	75	76	74	73	69	65	62	47	76
20	52	51	50	48	47	46	45	44	43	42	42	45	49	53	58	60	62	63	64	63	62	59	56	54	42	64
21	53	51	50	49	47	46	45	44	43	42	43	47	52	58	65	67	70	71	72	71	71	67	64	61	43	72
22	50	58	57	55	53	51	49	47	46	45	45	51	57	63	70	73	76	75	74	71	69	65	62	60	45	76
23	58	57	54	55	54	53	52	51	51	50	50	55	61	64	68	70	73	76	77	70	69	65	62	59	50	71
24	57	55	54	52	51	49	48	47	46	46	46	51	56	63	70	73	76	77	75	74	70	66	63	46	77	
25	61	58	56	54	52	50	49	47	46	46	46	51	56	60	64	65	67	66	66	64	63	60	58	56	46	67
26	54	52	50	48	46	44	42	40	39	38	38	44	50	55	61	63	66	65	65	64	63	59	55	52	38	66
27	49	46	44	42	40	38	36	35	34	34	34	39	45	50	56	58	60	60	60	58	56	53	50	48	34	60
28	47	46	45	44	43	42	41	41	41	41	41	45	50	53	56	57	59	59	59	57	56	53	51	49	41	59

MEAN MINIMUM TEMPERATURE IS 44.7 STANDARD DEVIATION IS 4.88
MEAN MAXIMUM TEMPERATURE IS 71.9 STANDARD DEVIATION IS 6.76

ASSOC MOTOR IN CONTAINER CHANNEL 26

SHELL GRAIN TOP

YEAR IS 1971. MONTH IS 3.
FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	48	47	46	45	44	43	43	42	41	41	80	87	91	93	95	95	96	96	94	89	85	82	80	77	41	96
2	72	70	69	67	65	63	61	60	63	68	77	85	90	93	95	95	96	96	94	89	85	82	79	77	60	96
3	67	65	62	61	59	57	56	55	58	63	72	81	86	89	90	92	92	92	90	85	82	80	77	74	55	92
4	64	62	61	59	57	56	54	52	56	61	70	78	83	85	87	88	89	89	88	82	78	75	72	70	52	89
5	74	75	74	73	72	71	70	69	70	71	76	81	87	88	87	86	85	84	82	79	75	72	70	67	67	88
6	82	80	79	78	77	76	75	74	77	79	85	89	91	92	92	91	90	89	88	85	82	81	79	78	74	92
7	82	79	78	76	74	72	71	69	72	76	84	91	95	99	101	102	101	99	97	93	89	87	85	83	69	102
8	76	75	73	72	71	69	68	66	70	74	83	90	95	98	100	101	101	100	98	94	90	88	85	83	66	101
9	84	82	81	79	78	77	75	74	74	77	79	81	82	84	90	94	93	92	89	87	85	82	80	78	74	94
10	81	79	78	76	74	72	70	69	70	75	85	90	97	96	99	99	100	99	98	94	91	89	87	85	69	100
11	83	81	78	75	73	72	71	70	73	78	88	95	97	99	100	101	102	101	99	95	91	88	85	83	70	102
12	82	79	77	75	73	72	70	69	71	75	84	92	98	101	104	104	104	104	102	98	94	91	88	85	69	104
13	78	76	73	72	70	69	67	65	69	73	83	91	96	99	100	100	104	104	102	98	94	91	88	85	69	104
14	77	74	72	71	69	67	65	63	67	73	82	91	95	98	99	99	99	99	98	94	90	87	84	81	65	104
15	74	71	70	68	65	64	62	61	65	70	81	89	93	96	97	98	98	98	97	93	88	85	82	79	61	98
16	71	68	66	63	61	60	59	57	61	67	78	84	89	91	92	94	95	95	94	90	85	82	79	76	57	95
17	82	80	79	78	76	74	73	70	73	78	85	87	89	91	92	92	92	92	91	87	82	79	76	73	70	92
18	75	73	71	69	67	65	63	61	66	71	81	86	93	99	102	105	105	105	104	100	95	91	88	85	67	105
19	75	73	71	69	67	65	63	61	66	71	81	86	93	99	102	105	105	105	104	100	95	91	88	85	67	105
20	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
21	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
22	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
23	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
24	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
25	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
26	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
27	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
28	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
29	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
30	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100
31	72	70	69	67	65	63	61	60	67	72	82	88	91	93	95	96	96	96	96	93	88	84	80	78	61	100

MEAN MINIMUM TEMPERATURE IS 66.0 STANDARD DEVIATION IS 7.95
MEAN MAXIMUM TEMPERATURE IS 99.3 STANDARD DEVIATION IS 5.22

ASROC MOTOR IN CONTAINER CHANNEL 26

SWELL GRAIN TOP

YEAR IS 1971. MONTH IS 4.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	60	57	55	53	51	49	48	51	56	68	74	79	82	85	86	87	88	87	84	78	73	70	66	63	48	84
2	60	57	55	53	51	49	48	51	57	68	77	84	89	90	90	91	91	89	85	81	78	74	72	70	48	91
3	67	64	62	60	58	56	55	59	69	78	85	90	93	94	93	92	92	91	87	82	78	75	73	70	54	93
4	67	65	62	61	59	58	58	62	71	81	85	90	93	94	96	96	97	95	91	85	81	77	73	70	55	97
5	64	65	63	61	58	56	56	60	70	79	88	92	95	97	98	98	98	96	91	86	82	79	76	72	56	98
6	70	67	64	62	60	59	58	61	71	81	86	92	95	95	93	88	86	84	81	78	76	75	73	70	58	95
7	68	66	64	62	61	60	60	62	68	75	82	87	89	91	92	91	90	87	82	78	74	71	69	67	60	92
8	64	62	60	57	56	54	54	58	67	75	82	87	90	92	93	94	93	92	88	83	78	76	73	70	54	94
9	67	65	62	61	58	56	57	61	70	77	84	88	91	94	96	95	92	90	86	82	79	77	74	73	56	96
10	71	70	68	67	65	65	65	68	74	79	83	86	88	88	89	88	87	85	82	79	77	74	73	71	65	89
11	69	67	66	63	61	58	59	63	71	78	83	88	93	95	97	96	94	92	88	84	82	79	76	73	58	97
12	71	68	65	63	61	59	60	65	74	82	87	89	92	95	98	99	99	97	93	88	85	82	79	76	59	99
13	73	70	68	65	63	61	62	67	73	83	88	92	96	98	98	98	95	84	81	77	75	73	72	71	61	92
14	70	68	67	66	65	64	63	62	64	66	65	68	70	73	72	72	71	70	69	66	65	63	62	61	61	73
15	60	59	57	56	56	54	56	60	70	77	82	87	93	96	97	98	98	96	92	87	83	80	77	74	54	95
16	72	70	68	66	64	61	62	65	74	80	85	92	94	97	98	97	95	92	89	84	81	78	76	73	61	98
17	72	70	67	65	62	61	62	63	69	68	71	73	74	74	73	72	71	69	66	63	61	59	55	55	55	74
18	53	52	51	50	49	48	50	53	61	67	73	74	78	74	76	78	77	75	72	68	65	62	60	58	48	76
19	56	55	54	53	52	51	52	56	64	70	76	80	84	85	86	85	85	82	78	75	72	69	67	65	51	80
20	62	60	59	57	56	55	54	55	61	63	69	72	74	73	74	73	73	71	68	65	63	61	60	58	54	74
21	57	56	54	54	53	51	54	56	60	66	68	70	71	71	71	72	71	71	68	64	61	59	57	56	51	72
22	54	53	51	51	49	48	51	54	62	69	77	81	84	85	85	86	87	83	79	75	72	69	67	64	48	87
23	62	61	59	57	55	53	56	60	69	77	82	85	88	89	90	89	87	85	81	77	73	71	69	67	53	90
24	66	64	63	61	61	59	61	62	68	72	78	79	78	78	77	74	73	70	68	65	62	61	59	57	57	79
25	55	54	53	52	50	49	50	54	60	67	74	78	81	81	80	78	76	74	71	68	64	61	60	58	49	91
26	56	55	54	53	51	50	52	56	63	70	75	79	81	83	83	83	83	83	80	75	72	69	66	63	50	93
27	61	58	56	54	53	51	54	59	69	77	82	87	89	92	92	93	94	92	88	84	80	76	73	71	51	94
28	69	67	65	62	60	58	61	66	74	82	88	92	95	95	92	91	91	89	87	82	79	77	74	72	54	95
29	70	67	65	62	60	58	60	64	75	82	88	94	97	99	101	101	101	100	96	91	87	84	80	77	58	101
30	74	71	69	67	64	62	65	70	80	84	87	93	98	101	102	101	100	100	98	95	90	86	84	81	62	102

MEAN MINIMUM TEMPERATURE IS 55.3 STANDARD DEVIATION IS 4.77
MEAN MAXIMUM TEMPERATURE IS 89.5 STANDARD DEVIATION IS 8.94

ASDC MOTOR IN CONTAINER CHANNEL 26
SHELL GRAIN TND

YEAR IS 1971. MONTH IS 5.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	70	77	74	72	70	68	64	68	73	83	88	94	98	102	103	102	102	100	97	93	89	85	82	80	66	103	
2	72	75	73	71	69	67	65	67	71	74	78	82	86	88	90	90	89	88	86	83	79	76	73	71	65	90	
3	60	67	65	63	61	59	58	61	65	70	76	80	85	85	85	84	82	79	75	72	70	68	66	58	45		
4	64	63	62	61	59	58	57	58	64	74	80	85	89	92	95	96	95	93	91	87	82	78	75	72	57	96	
5	70	68	65	62	61	59	58	58	63	73	81	85	89	91	94	95	93	91	88	83	80	77	74	72	52	95	
6	71	69	67	65	63	62	61	61	61	62	62	61	61	61	62	70	72	67	66	63	62	61	60	59	59	72	
7	48	57	54	56	55	54	54	53	55	65	72	79	81	83	85	81	78	75	74	71	69	67	64	53	85		
8	61	60	58	56	55	53	53	56	61	69	77	83	87	89	91	92	93	90	86	85	81	77	74	72	53	73	
9	70	67	65	62	61	59	58	61	67	75	83	90	92	96	98	99	101	98	96	93	89	85	82	80	58	101	
10	77	75	73	72	70	69	69	70	77	86	92	98	95	93	95	95	95	92	89	86	83	80	78	76	69	98	
11	72	72	70	69	67	65	64	60	75	84	90	95	100	101	102	103	98	94	91	86	83	82	80	64	103		
12	74	74	76	74	73	72	71	73	79	87	95	101	105	107	108	108	107	105	102	97	92	89	87	71	104		
13	84	82	81	78	77	75	74	74	76	82	87	92	95	98	100	101	101	100	98	94	90	87	85	82	74	101	
14	81	78	77	74	72	71	69	73	79	87	94	100	103	105	108	110	110	110	107	104	98	94	91	88	69	110	
15	85	82	80	78	75	73	72	72	76	81	89	96	101	104	107	110	112	110	108	104	99	95	92	80	72	112	
16	87	85	84	83	82	80	78	82	85	85	85	94	102	106	108	107	106	104	101	98	93	89	86	83	79	109	
17	81	78	76	73	72	70	69	70	75	82	87	92	94	96	97	97	97	96	94	92	88	83	79	76	69	97	
18	73	71	69	66	64	62	61	62	69	78	85	89	93	96	98	98	99	98	98	96	92	86	83	79	61	99	
19	77	74	72	70	67	65	63	64	71	79	87	93	98	101	103	102	102	102	101	99	95	90	87	84	62	103	
20	81	79	77	75	73	71	69	70	75	82	91	97	102	104	103	102	100	98	96	93	89	86	83	81	69	104	
21	70	77	75	74	72	70	67	67	69	71	73	74	76	77	78	79	79	79	79	77	74	71	69	66	66	79	
22	64	62	61	59	58	57	56	58	64	73	78	84	88	92	94	95	96	97	95	94	89	86	83	81	54	97	
23	78	75	73	71	69	67	66	67	73	82	89	97	99	101	104	105	105	105	104	103	98	93	89	86	66	105	
24	83	80	78	76	73	72	70	71	78	86	92	98	101	106	109	109	109	108	107	105	101	96	93	90	70	109	
25	87	85	82	80	78	76	74	75	81	89	95	101	106	110	111	111	111	110	107	104	100	96	92	89	74	111	
26	87	84	82	80	78	77	75	76	81	85	89	93	95	97	98	98	96	95	92	88	85	82	78	76	75	98	
27	73	70	69	66	64	62	61	61	62	67	73	78	81	82	82	80	79	79	79	77	73	70	67	64	61	82	
28	67	61	60	59	58	56	54	56	61	67	74	81	87	88	86	89	88	85	85	85	82	77	74	71	56	89	
29	69	67	65	63	61	60	58	60	67	74	79	85	90	94	95	95	95	95	92	90	87	83	80	77	74	58	95
30	72	70	68	66	63	62	60	61	67	74	81	87	91	96	96	95	93	91	89	86	83	79	77	74	60	96	
31	72	71	69	68	66	65	63	63	67	70	72	73	75	80	81	82	81	80	79	77	74	71	70	67	63	82	

MEAN MINIMUM TEMPERATURE IS 64.2 STANDARD DEVIATION IS 6.91
MEAN MAXIMUM TEMPERATURE IS 97.0 STANDARD DEVIATION IS 10.14

ASROC MOTOR IN CONTAINER CHANNEL 26
SHELL GRAIN TOP

YEAR IS 1971. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	66	63	61	60	58	56	55	56	63	71	78	83	87	91	95	95	95	93	93	91	87	82	79	76	55	95
2	73	72	70	67	66	64	61	62	67	70	76	80	82	88	88	89	92	94	92	89	84	80	77	74	61	94
3	72	70	67	65	63	61	59	60	66	73	81	86	91	96	99	101	101	100	98	94	90	86	83	81	59	101
4	78	75	73	71	70	69	67	67	72	77	84	91	95	99	101	102	102	101	100	97	93	89	86	83	67	102
5	81	78	77	75	73	72	70	70	77	84	91	96	99	103	105	107	108	108	107	106	101	96	93	89	70	108
6	84	84	81	78	76	74	72	73	79	86	94	98	101	104	107	109	111	111	110	107	103	98	95	91	72	111
7	82	86	83	80	78	75	73	74	81	88	96	103	107	110	113	114	114	112	112	109	104	100	96	94	73	114
8	91	88	84	82	80	78	76	78	84	90	99	105	110	113	115	114	113	110	106	102	98	95	92	78	115	
9	97	95	92	90	88	86	84	85	90	95	101	105	108	109	110	107	105	102	98	93	89	86	83	74	110	
10	83	81	78	76	73	72	70	70	74	76	85	90	95	98	101	102	102	101	100	98	93	89	86	83	70	102
11	80	78	75	73	71	70	68	69	75	83	90	95	100	104	107	108	109	110	109	107	103	99	95	92	68	110
12	90	88	85	83	80	78	76	77	83	92	97	102	107	110	113	113	112	112	110	107	104	100	96	94	76	113
13	92	89	86	84	83	82	80	82	87	92	98	104	108	112	115	116	115	114	112	109	105	100	96	93	82	116
14	90	88	85	83	81	78	76	77	84	92	100	105	109	113	115	117	117	118	118	116	111	107	103	90	76	118
15	96	93	90	88	85	83	81	82	88	97	104	110	115	119	121	123	123	122	121	119	115	110	106	103	81	123
16	93	90	88	85	83	81	82	88	97	104	110	115	119	121	122	122	122	121	119	116	112	107	104	100	83	122
17	95	92	89	87	85	83	81	84	93	98	104	110	115	119	119	119	118	117	115	112	108	104	100	96	83	119
18	93	90	88	87	85	83	81	81	88	97	103	109	113	117	119	120	119	117	115	113	108	104	100	97	81	120
19	95	93	91	89	87	85	83	83	90	98	106	111	116	119	122	121	120	117	114	112	108	104	103	99	83	122
20	93	91	88	86	83	81	79	79	87	95	102	109	113	115	118	120	121	121	120	118	114	108	104	101	79	121
21	98	94	92	89	87	85	82	83	90	98	104	110	116	119	121	120	120	119	117	115	111	106	102	99	82	121
22	96	94	92	89	87	85	82	82	89	98	106	113	117	119	122	122	122	121	119	117	113	108	104	101	82	122
23	98	95	92	90	88	86	84	84	90	99	104	110	113	118	121	120	119	118	116	113	110	105	102	98	84	121
24	96	93	91	89	86	84	82	82	88	94	102	108	114	115	116	115	114	113	112	110	107	102	99	97	82	116
25	95	93	91	90	88	87	85	86	91	97	103	107	109	110	112	112	112	111	109	107	104	100	97	95	85	112
26	92	91	89	87	86	84	83	84	89	94	99	103	105	107	108	108	107	106	104	102	99	96	93	91	83	108
27	88	87	85	84	83	82	81	81	85	89	93	97	101	102	103	103	102	101	99	97	95	91	88	86	81	103
28	84	82	81	80	78	76	74	77	82	89	95	100	104	108	109	108	105	104	101	99	95	92	89	86	76	109
29	85	82	80	78	76	74	72	73	79	85	92	97	101	105	108	109	110	110	110	110	106	101	97	94	72	110
30	91	88	85	82	80	78	76	76	82	91	98	104	110	112	114	116	116	116	115	114	110	104	101	97	76	116

MEAN MINIMUM TEMPERATURE IS 75.9 STANDARD DEVIATION IS 7.85
MEAN MAXIMUM TEMPERATURE IS 112.5 STANDARD DEVIATION IS 8.17

ASAC MOTOR IN CONTAINER CHANNEL 26

SHELL GRAIN TOP

YEAR IS 1971. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	04	02	00	06	04	02	00	90	94	102	109	114	117	118	119	118	118	116	114	110	105	101	98	79	119
2	05	02	00	07	05	03	01	87	92	98	103	109	112	115	116	115	114	111	109	105	101	98	95	81	116
3	06	01	00	08	06	04	02	84	89	95	100	106	111	114	115	114	111	109	105	101	97	94	80	118	
4	07	02	00	09	07	05	03	81	86	92	97	102	107	110	111	110	108	105	101	97	94	91	77	120	
5	08	03	01	10	08	06	04	78	83	89	94	99	104	109	112	111	109	106	102	98	94	91	74	121	
6	09	04	02	11	09	07	05	75	80	86	91	96	101	106	109	108	106	103	99	95	91	88	71	122	
7	10	05	03	12	10	08	06	72	77	82	87	92	97	102	105	104	102	99	95	91	88	85	68	123	
8	11	06	04	13	11	09	07	69	74	79	84	89	94	99	102	101	99	96	92	88	84	81	65	124	
9	12	07	05	14	12	10	08	66	71	76	81	86	91	96	99	98	96	93	89	85	81	78	62	125	
10	13	08	06	15	13	11	09	63	68	73	78	83	88	93	96	95	93	90	86	82	78	75	59	126	
11	14	09	07	16	14	12	10	60	65	70	75	80	85	90	93	92	90	87	83	79	75	72	56	127	
12	15	10	08	17	15	13	11	57	62	67	72	77	82	87	90	89	87	84	80	76	72	69	53	128	
13	16	11	09	18	16	14	12	54	59	64	69	74	79	84	87	86	84	81	77	73	69	66	50	129	
14	17	12	10	19	17	15	13	51	56	61	66	71	76	81	84	83	81	78	74	70	66	63	47	130	
15	18	13	11	20	18	16	14	48	53	58	63	68	73	78	81	80	78	75	71	67	63	60	44	131	
16	19	14	12	21	19	17	15	45	50	55	60	65	70	75	78	77	75	72	68	64	60	57	41	132	
17	20	15	13	22	20	18	16	42	47	52	57	62	67	72	75	74	72	69	65	61	57	54	38	133	
18	21	16	14	23	21	19	17	39	44	49	54	59	64	69	72	71	69	66	62	58	54	51	35	134	
19	22	17	15	24	22	20	18	36	41	46	51	56	61	66	69	68	66	63	59	55	51	48	32	135	
20	23	18	16	25	23	21	19	33	38	43	48	53	58	63	66	65	63	60	56	52	48	45	29	136	
21	24	19	17	26	24	22	20	30	35	40	45	50	55	60	63	62	60	57	53	49	45	42	26	137	
22	25	20	18	27	25	23	21	27	32	37	42	47	52	57	60	59	57	54	50	46	42	39	23	138	
23	26	21	19	28	26	24	22	24	29	34	39	44	49	54	57	56	54	51	47	43	39	36	20	139	
24	27	22	20	29	27	25	23	21	26	31	36	41	46	51	54	53	51	48	44	40	36	33	17	140	
25	28	23	21	30	28	26	24	18	23	28	33	38	43	48	51	50	48	45	41	37	33	30	14	141	
26	29	24	22	31	29	27	25	15	20	25	30	35	40	45	48	47	45	42	38	34	30	27	11	142	
27	30	25	23	32	30	28	26	12	17	22	27	32	37	42	45	44	42	39	35	31	27	24	8	143	
28	31	26	24	33	31	29	27	9	14	19	24	29	34	39	42	41	39	36	32	28	24	21	5	144	
29	32	27	25	34	32	30	28	6	11	16	21	26	31	36	39	38	36	33	29	25	21	18	2	145	
30	33	28	26	35	33	31	29	3	8	13	18	23	28	33	36	35	33	30	26	22	18	15	-1	146	
31	34	29	27	36	34	32	30	0	5	10	15	20	25	30	33	32	30	27	23	19	15	12	-4	147	

MEAN MINIMUM TEMPERATURE IS 45.3 STANDARD DEVIATION IS 4.13
MEAN MAXIMUM TEMPERATURE IS 121.1 STANDARD DEVIATION IS 5.16

ASTOC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSTIFORM TOP

YEAR IS 1970. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	90	97	95	93	91	89	88	86	85	84	85	86	89	91	94	96	98	100	102	103	104	104	102	101	96	104
2	90	97	95	93	91	89	87	86	85	84	85	86	89	90	94	97	101	104	105	107	108	109	108	102	86	108
3	104	102	100	98	96	94	92	90	89	88	92	95	97	100	103	106	108	110	111	111	111	110	109	107	89	111
4	106	104	102	100	98	96	95	94	92	92	93	95	98	100	104	106	109	111	112	111	111	110	108	107	92	112
5	105	104	101	100	98	96	95	93	92	91	92	94	97	100	103	105	107	108	110	110	110	108	107	105	91	110
6	104	102	100	99	97	95	94	92	91	92	92	96	98	100	103	105	107	108	110	110	110	108	107	105	91	107
7	100	98	97	95	94	92	91	90	88	88	90	92	94	98	101	103	104	106	107	107	107	105	104	103	88	107
8	101	99	98	97	95	94	93	92	91	90	91	92	93	95	96	97	97	97	96	95	95	93	92	91	90	101
9	89	88	86	85	83	82	81	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	92
10	87	85	84	83	82	81	79	78	77	77	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	92
11	86	85	84	82	81	80	78	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	97
12	92	90	88	87	85	84	82	81	80	80	81	83	86	88	90	91	92	92	92	92	91	90	88	87	80	92
13	85	84	82	81	79	78	76	75	74	73	74	76	78	80	82	84	85	87	88	88	88	87	85	84	73	88
14	84	82	81	79	78	76	75	73	72	73	75	78	80	83	85	86	88	90	92	93	93	92	90	88	72	93
15	88	87	85	84	82	80	78	77	76	76	77	79	82	85	88	90	93	95	96	96	96	94	92	90	76	94
16	94	92	91	89	87	85	84	82	81	82	84	86	88	90	92	95	97	99	100	101	101	101	100	95	81	101
17	94	95	93	91	89	87	85	84	82	82	84	86	88	90	91	94	96	100	102	104	105	107	107	106	84	107
18	94	96	94	92	91	89	87	85	84	84	86	88	90	91	94	96	100	102	104	105	107	107	106	105	84	107
19	103	101	99	98	96	94	92	91	90	90	91	92	94	95	98	101	104	107	109	110	111	111	110	109	80	111
20	107	105	104	102	101	99	97	95	94	94	95	98	100	103	107	109	112	114	115	116	117	117	116	114	84	117
21	113	111	109	107	106	104	103	101	99	98	98	102	104	107	110	112	115	117	118	118	119	118	117	114	90	119
22	114	112	110	109	107	104	102	101	99	99	100	102	105	107	109	110	112	113	114	114	114	114	112	111	99	116
23	109	107	106	104	101	99	97	95	94	93	94	97	98	102	105	108	110	111	112	113	113	112	111	110	93	113
24	108	106	104	102	100	98	96	95	93	93	94	96	98	100	101	104	108	111	113	114	115	115	113	112	93	115
25	110	108	107	104	103	101	99	98	96	96	97	99	103	106	109	111	114	116	118	118	118	118	117	115	96	114
26	113	112	110	108	104	104	102	100	98	98	101	105	108	110	113	114	115	116	116	116	116	115	113	111	98	116
27	109	107	105	101	101	99	97	95	94	93	93	96	98	100	102	104	106	107	108	108	107	106	104	93	109	
28	102	101	98	97	95	93	92	90	88	88	92	94	96	97	99	100	101	101	101	101	101	100	98	96	88	102
29	95	93	92	90	88	87	85	84	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	100
30	95	93	92	90	88	86	84	82	81	81	82	84	86	88	90	92	95	97	98	99	100	105	104	103	81	105

MEAN MINIMUM TEMPERATURE IS 86.5 STANDARD DEVIATION IS 7.74
MEAN MAXIMUM TEMPERATURE IS 105.3 STANDARD DEVIATION IS 8.10

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSTFORM TOP

YEAR IS 1970. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	101	99	97	95	93	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64	62	60	58	56	54	52
2	106	104	102	101	99	97	95	93	91	89	87	85	83	81	79	77	75	73	71	69	67	65	63	61	59	57
3	109	107	106	104	103	101	99	97	95	93	91	89	87	85	83	81	79	77	75	73	71	69	67	65	63	61
4	107	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64	62
5	110	109	107	105	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66
6	113	111	110	108	106	105	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68
7	115	113	110	108	107	105	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68
8	111	110	108	107	105	104	103	101	100	101	102	104	105	105	105	105	105	105	105	105	105	105	105	105	105	105
9	99	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73
10	95	94	93	92	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69
11	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68
12	107	106	104	102	100	98	97	95	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64	62	60
13	111	110	107	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66
14	112	110	108	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66
15	111	109	107	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66
16	114	112	110	108	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68
17	111	109	108	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66
18	113	112	110	109	107	105	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70
19	113	113	110	109	107	105	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70
20	116	115	113	111	110	109	108	106	105	103	102	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76
21	113	111	109	107	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68
22	109	107	106	104	103	101	100	99	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64
23	105	104	102	100	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74
24	107	105	104	102	100	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75
25	106	104	103	101	100	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76
26	104	103	101	100	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75
27	106	104	103	101	100	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76
28	104	103	101	100	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75
29	102	101	100	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74
31	104	103	101	100	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75

MEAN MINIMUM TEMPERATURE IS 64.8 STANDARD DEVIATION IS 4.77
MEAN MAXIMUM TEMPERATURE IS 113.1 STANDARD DEVIATION IS 4.92

NWC TP 5039
Part 2

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TUB

YEAR IS 1970. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	105	104	101	100	98	96	94	92	91	90	90	92	94	96	100	102	105	107	109	110	110	110	108	107	90	110	
2	105	104	102	100	98	96	94	92	90	90	91	92	94	97	94	102	104	106	108	109	110	109	108	107	90	110	
3	105	104	102	100	98	96	94	92	90	90	90	91	92	94	98	101	104	106	108	110	111	112	112	111	110	91	113
4	108	107	105	104	102	100	98	96	94	95	96	97	98	99	101	103	105	108	110	111	112	112	111	110	108	95	112
5	106	104	103	101	100	98	96	95	93	92	92	94	97	101	104	105	108	110	111	112	113	112	111	109	92	113	
6	107	105	104	102	100	98	96	95	93	93	94	96	99	102	106	109	112	113	115	116	116	115	114	113	93	116	
7	110	109	107	105	103	101	98	97	95	95	95	98	101	104	107	110	112	114	115	116	116	115	113	112	95	116	
8	110	108	106	104	102	101	99	98	96	96	96	96	97	101	104	107	109	111	113	114	115	115	114	112	110	96	115
9	109	107	104	103	101	98	96	94	92	92	93	95	98	101	104	107	110	112	114	115	116	115	113	112	92	116	
10	110	108	106	104	103	101	99	98	96	95	96	98	101	105	108	110	113	116	118	119	119	119	118	116	95	119	
11	114	113	111	109	107	105	104	101	100	99	100	101	103	106	108	111	113	115	117	118	118	117	116	115	98	118	
12	113	111	110	108	107	105	103	102	100	99	101	102	105	107	110	112	114	116	117	118	118	117	115	114	99	118	
13	112	110	109	107	105	103	101	100	98	98	99	100	102	105	108	111	113	114	116	116	116	116	114	113	98	116	
14	111	109	107	106	104	102	101	99	98	97	97	98	101	103	105	107	110	112	113	114	114	113	112	111	97	114	
15	109	107	104	103	101	98	96	94	92	95	95	98	100	103	105	108	110	112	113	114	114	113	112	110	95	114	
16	109	107	106	104	103	101	100	98	97	96	97	98	101	103	106	109	110	112	113	113	112	111	109	108	95	113	
17	106	104	103	101	100	98	96	94	93	94	95	97	99	102	105	107	109	111	112	112	111	110	109	93	112		
18	107	106	104	103	101	99	98	96	94	94	95	97	100	102	105	107	109	111	111	112	111	110	108	94	112		
19	107	105	103	101	100	98	96	94	93	92	92	94	96	98	101	103	105	107	108	110	110	109	108	107	92	110	
20	105	103	102	100	98	96	94	92	90	92	92	94	96	98	101	104	106	108	108	110	110	109	108	107	92	110	
21	105	104	102	100	98	96	94	92	90	91	90	91	93	95	98	101	104	106	107	109	110	110	110	108	90	110	
22	105	104	102	100	98	96	94	92	90	91	92	94	97	99	103	105	107	109	110	111	111	110	109	107	91	111	
23	106	104	103	101	99	98	96	94	93	92	93	95	98	101	104	106	108	110	112	113	113	112	110	109	92	113	
24	107	105	104	102	100	98	96	94	93	92	94	96	99	102	105	107	109	110	112	112	112	111	110	108	94	113	
25	107	106	104	103	102	101	99	98	96	96	96	98	100	102	105	107	109	110	112	112	112	111	110	108	94	113	
26	107	106	104	102	101	99	98	96	94	94	95	98	101	104	105	107	108	108	107	106	105	104	103	102	94	108	
27	103	101	100	98	96	94	92	90	89	90	91	93	96	99	101	103	105	107	107	107	107	106	104	103	92	107	
28	102	101	100	98	96	94	92	90	89	90	91	93	96	99	101	103	105	107	107	107	107	106	104	103	91	109	
29	104	103	101	100	98	96	94	92	91	91	91	93	95	98	101	104	105	107	108	108	108	107	105	91	108		
30	104	103	101	100	98	96	94	92	91	92	94	96	99	102	104	106	107	108	108	110	110	110	108	107	92	110	
31	105	104	102	100	98	96	94	92	91	92	94	96	99	102	104	106	107	108	108	108	108	107	105	104	91	109	

MEAN MINIMUM TEMPERATURE IS 93.4 STANDARD DEVIATION IS 2.63
MEAN MAXIMUM TEMPERATURE IS 112.5 STANDARD DEVIATION IS 3.20

ASROC MOTOR IN CONTAINER CHANNEL 29

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1970. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	102	100	98	97	95	94	92	90	88	88	91	93	96	99	102	104	105	107	107	107	107	105	104	88	107	
2	102	100	98	96	94	92	90	88	87	86	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	
3	99	97	94	92	91	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
4	97	95	94	92	91	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
5	91	90	88	87	85	84	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	
6	87	85	84	82	80	78	77	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	
7	91	90	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	
8	94	96	95	93	91	89	88	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	
9	100	98	97	95	93	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	
10	101	100	98	96	95	93	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	
11	104	102	101	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	
12	102	100	99	97	96	94	93	92	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	
13	99	97	94	92	91	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
14	97	95	94	92	91	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
15	91	90	88	87	85	84	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	
16	87	85	84	82	80	78	77	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	
17	91	90	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	
18	94	96	95	93	91	89	88	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	
19	100	98	97	95	93	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	
20	101	100	98	96	95	93	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	
21	104	102	101	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	
22	102	100	99	97	96	94	93	92	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	
23	99	97	94	92	91	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
24	97	95	94	92	91	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
25	91	90	88	87	85	84	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	
26	87	85	84	82	80	78	77	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	
27	91	90	88	87	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	
28	94	96	95	93	91	89	88	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	
29	100	98	97	95	93	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	
30	101	100	98	96	95	93	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	

MEAN MINIMUM TEMPERATURE IS 78.4 STANDARD DEVIATION IS 6.71
MEAN MAXIMUM TEMPERATURE IS 85.8 STANDARD DEVIATION IS 6.07

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO COUSIFORM TUB

YEAR IS 1970. MONTH IS 10.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
2	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18
3	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13
4	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
5	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3
6	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	-1	-2
7	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	-1	-2	-3	-4	-5	-6	-7
8	13	12	11	10	9	8	7	6	5	4	3	2	1	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12
9	8	7	6	5	4	3	2	1	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17
10	3	2	1	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22
11	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25	-26	-27
12	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32
13	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37
14	-17	-18	-19	-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	-41	-42
15	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	-41	-42	-43	-44	-45	-46	-47
16	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52
17	-32	-33	-34	-35	-36	-37	-38	-39	-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57
18	-37	-38	-39	-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62
19	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67
20	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67	-68	-69	-70	-71	-72
21	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77
22	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82
23	-62	-63	-64	-65	-66	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86	-87
24	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86	-87	-88	-89	-90	-91	-92
25	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97
26	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99	-100	-101	-102
27	-82	-83	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99	-100	-101	-102	-103	-104	-105	-106	-107
28	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99	-100	-101	-102	-103	-104	-105	-106	-107	-108	-109	-110	-111	-112
29	-92	-93	-94	-95	-96	-97	-98	-99	-100	-101	-102	-103	-104	-105	-106	-107	-108	-109	-110	-111	-112	-113	-114	-115	-116	-117
30	-97	-98	-99	-100	-101	-102	-103	-104	-105	-106	-107	-108	-109	-110	-111	-112	-113	-114	-115	-116	-117	-118	-119	-120	-121	-122
31	-102	-103	-104	-105	-106	-107	-108	-109	-110	-111	-112	-113	-114	-115	-116	-117	-118	-119	-120	-121	-122	-123	-124	-125	-126	-127

MEAN MINIMUM TEMPERATURE IS 65.8 STANDARD DEVIATION IS 8.98

MEAN MAXIMUM TEMPERATURE IS 82.8 STANDARD DEVIATION IS 4.58

ASRDC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1970. MONTH IS 11.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX		
1	70	69	69	67	66	65	64	62	60	59	58	57	57	58	59	61	64	66	69	70	71	71	72	71	72	71	57	72
2	60	58	56	56	56	56	57	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	57	114	
3	62	60	59	59	59	60	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	54	78	
4	67	65	64	64	64	64	65	64	63	63	62	61	61	61	61	61	61	61	61	61	61	61	61	61	61	59	92	
5	68	67	67	66	66	65	64	63	63	62	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	72	
6	70	68	67	66	65	63	62	60	59	57	56	55	55	55	56	58	61	64	66	68	69	70	70	70	70	61	72	
7	68	66	65	64	63	61	60	59	58	57	56	55	55	55	56	58	61	64	66	68	69	70	70	70	70	55	70	
8	68	67	66	65	64	63	62	60	59	58	57	56	55	55	56	58	61	64	66	68	69	70	70	70	70	56	70	
9	70	69	68	67	66	65	64	63	61	60	59	58	57	56	55	56	58	61	64	66	68	69	70	70	70	57	72	
10	69	68	67	66	65	64	63	61	60	59	58	57	56	55	56	58	61	64	66	68	69	70	70	70	70	57	72	
11	69	68	67	66	65	64	63	61	60	59	58	57	56	55	56	58	61	64	66	68	69	70	70	70	70	56	70	
12	69	68	67	66	65	64	63	61	60	59	58	57	56	55	56	58	61	64	66	68	69	70	70	70	70	56	70	
13	64	63	62	61	60	59	58	57	56	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	55	69	
14	63	62	61	59	58	57	56	54	53	51	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	54	66	
15	61	60	59	57	56	54	53	52	51	49	48	47	47	47	48	50	53	56	58	60	62	63	63	63	63	49	64	
16	61	60	59	57	56	54	53	52	51	49	48	47	47	47	48	50	53	56	58	60	62	63	63	63	63	49	64	
17	62	61	60	59	58	57	56	54	53	51	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	64	
18	62	61	60	59	58	57	56	54	53	51	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	64	
19	62	61	60	58	57	56	55	53	52	51	50	49	48	47	47	48	50	53	56	59	60	62	63	63	63	50	65	
20	61	59	58	57	56	55	54	52	51	49	48	47	47	47	48	50	53	56	59	60	62	63	63	63	63	49	64	
21	59	58	57	56	55	54	53	51	50	49	48	47	47	47	48	50	53	56	59	60	62	63	63	63	63	49	64	
22	60	59	58	57	56	55	54	53	52	51	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	62	
23	62	61	60	59	58	57	56	54	53	52	51	50	50	50	50	50	50	50	50	50	50	50	50	50	50	49	64	
24	65	64	64	64	64	64	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	49	64	
25	69	68	67	65	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	50	66	
26	67	61	60	59	58	57	56	55	54	52	51	50	50	50	50	50	50	50	50	50	50	50	50	50	50	63	70	
27	57	56	55	54	53	52	52	51	50	49	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	50	62	
28	52	51	51	50	50	50	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	48	57	
29	48	47	47	47	46	46	46	46	46	46	45	45	45	45	46	48	49	51	52	53	53	54	54	54	54	48	52	

MEAN MINIMUM TEMPERATURE IS 53.4
MEAN MAXIMUM TEMPERATURE IS 68.8
STANDARD DEVIATION IS 5.75
STANDARD DEVIATION IS 11.57

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1970. MONTH IS 12.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	53	53	53	52	52	51	51	50	50	49	49	48	48	49	51	52	54	55	56	57	58	58	57	48	58	
2	56	55	55	54	54	53	53	52	52	57	62	56	51	52	53	53	54	55	56	56	55	55	54	51	62	
3	54	53	53	52	51	50	50	49	48	46	45	45	45	46	48	49	51	52	54	55	57	56	56	45	57	
4	55	53	52	51	50	49	48	47	46	45	44	43	43	44	45	47	50	51	53	54	55	55	54	43	55	
5	53	52	52	51	50	49	48	47	46	45	44	44	45	46	48	49	52	54	56	57	59	58	57	44	59	
6	56	55	54	53	52	51	50	49	48	47	46	45	45	46	48	50	52	54	56	58	58	57	45	58		
7	56	55	54	53	52	51	50	49	48	47	46	45	46	48	49	51	53	55	56	58	58	57	45	58		
8	60	59	59	58	57	55	54	53	52	50	49	48	48	49	50	52	54	55	57	58	59	58	48	61		
9	61	60	59	58	57	55	54	53	52	50	49	48	48	49	50	52	54	55	57	58	59	58	48	61		
10	56	55	54	52	51	50	49	48	46	44	43	43	44	45	47	49	51	54	55	57	56	56	43	57		
11	54	53	52	50	49	48	47	46	45	43	42	41	41	42	44	46	49	51	54	55	56	56	41	56		
12	54	53	52	51	50	49	48	47	46	45	43	42	41	41	42	44	46	49	51	53	54	55	41	55		
13	54	53	52	51	50	49	48	47	46	45	44	45	46	47	48	50	51	52	53	54	55	54	45	55		
14	54	53	52	51	50	49	48	47	46	45	44	43	42	43	45	46	48	49	51	52	52	52	42	53		
15	53	52	51	50	49	48	47	46	45	44	43	42	42	43	45	46	48	49	51	52	52	51	42	53		
16	50	49	48	47	46	45	44	43	42	42	42	42	43	45	46	48	49	51	52	52	51	51	42	51		
17	50	49	48	47	46	45	44	43	42	42	42	42	43	45	46	48	49	51	52	52	51	51	42	51		
18	49	48	47	46	45	44	43	42	41	40	40	40	40	41	42	44	45	46	47	47	47	47	46	46		
19	46	45	45	44	44	43	43	42	42	41	41	41	41	42	43	44	45	46	47	47	47	47	46	46		
20	41	41	41	41	41	40	40	39	38	38	37	37	37	38	40	41	43	44	46	46	46	46	46	46		
21	46	45	45	45	45	44	44	44	44	43	43	43	43	42	42	42	43	44	45	46	47	47	46	46		
22	46	45	45	44	44	43	43	42	41	40	40	39	39	40	41	43	46	47	49	50	51	50	49	42		
23	49	48	47	46	45	44	43	42	41	40	40	39	39	40	41	43	46	47	49	50	51	50	49	42		
24	48	46	44	45	46	44	43	43	42	42	42	41	40	41	42	44	46	48	49	50	50	49	40	49		
25	48	47	46	45	44	43	42	41	40	39	38	37	38	39	40	42	44	46	48	49	50	50	49	40	49	
26	48	47	46	45	44	43	42	41	40	39	38	37	38	39	40	42	44	46	48	49	50	50	49	40	49	
27	41	40	40	40	40	40	40	40	39	39	39	39	39	40	41	42	43	44	45	46	46	46	45	39	46	
28	45	43	42	42	42	41	41	40	39	38	37	37	38	40	41	43	45	47	48	49	50	50	49	37	50	
29	48	47	46	45	44	43	42	41	40	39	38	38	39	40	41	42	44	46	48	49	50	50	49	38	50	
30	48	47	46	45	44	43	42	41	40	40	39	39	40	41	42	44	46	48	49	50	50	50	49	38	50	
31	50	49	48	47	46	45	44	43	42	42	42	41	40	41	42	44	46	48	49	50	51	52	52	40	54	

MEAN MINIMUM TEMPERATURE IS 42.5 STANDARD DEVIATION IS 4.62
MEAN MAXIMUM TEMPERATURE IS 53.5 STANDARD DEVIATION IS 5.02

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 1.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	52	51	50	49	48	47	47	46	45	44	43	42	41	42	43	44	46	48	50	51	53	53	53	52	41	53
2	52	51	50	49	48	47	48	48	48	47	47	46	46	46	46	46	47	47	47	47	47	47	46	45	45	52
3	45	44	44	43	42	41	41	40	39	38	38	37	37	37	38	39	41	42	44	45	46	45	45	44	37	46
4	43	42	42	40	39	38	37	36	35	34	33	32	31	32	34	35	37	39	41	42	43	42	42	41	31	43
5	40	39	38	36	35	34	33	31	30	29	28	27	27	28	30	32	34	36	38	39	41	41	41	40	27	41
6	39	38	37	37	35	34	33	32	31	30	29	29	29	30	32	33	35	37	39	40	42	42	42	41	29	42
7	40	39	38	37	36	35	34	33	32	31	30	29	29	30	32	33	35	38	41	42	43	44	44	43	29	44
8	42	41	40	39	38	37	36	35	34	33	32	33	33	34	36	38	40	41	42	42	43	42	42	41	33	43
9	41	40	39	38	37	36	35	34	33	32	31	32	33	33	34	36	38	40	42	44	46	46	46	45	33	46
10	45	44	43	42	41	40	39	38	37	36	35	34	34	34	34	34	37	40	42	45	46	49	48	47	34	48
11	47	46	45	44	43	42	41	40	39	38	37	36	37	38	40	43	45	47	48	50	50	50	50	50	36	50
12	50	49	49	48	48	48	48	47	47	46	46	46	46	46	47	48	50	51	52	52	53	53	53	52	46	53
13	52	51	50	49	49	48	47	46	46	45	45	44	44	44	44	46	48	49	50	51	52	51	51	50	44	52
14	50	50	50	49	48	47	47	46	46	45	45	45	45	45	46	46	47	49	51	52	54	54	54	53	45	54
15	52	51	50	49	48	46	45	44	43	41	40	40	40	40	41	41	41	43	46	48	50	51	52	52	40	52
16	52	51	50	49	48	47	46	44	43	42	41	40	40	39	38	39	40	42	45	47	49	51	53	53	38	53
17	53	52	52	51	50	49	49	48	47	46	45	44	44	44	43	44	45	47	50	53	56	57	59	59	43	59
18	60	59	58	57	56	55	54	53	52	51	50	49	48	48	48	49	50	53	56	58	61	63	65	65	48	65
19	65	64	64	63	62	61	60	59	58	57	56	54	53	52	52	53	54	57	60	62	64	62	60	63	52	65
20	67	66	66	65	64	63	62	61	60	59	58	56	55	54	55	55	57	59	62	64	67	68	70	70	54	70
21	71	70	70	69	68	67	66	65	64	63	62	61	60	59	58	59	60	62	64	66	68	68	69	68	58	71
22	67	66	65	64	64	62	61	59	58	57	56	54	53	52	51	52	54	56	58	60	62	63	64	64	51	67
23	64	63	62	60	59	57	56	54	53	51	50	49	48	47	46	47	48	50	53	55	57	58	60	60	46	64
24	60	59	58	57	56	55	54	52	51	49	48	47	46	45	44	45	46	49	50	52	54	56	59	59	43	60
25	59	58	57	55	54	53	52	51	50	48	47	46	45	44	44	45	46	49	52	55	58	60	62	62	44	62
26	62	61	60	58	57	55	54	53	52	50	49	47	46	46	46	47	48	51	54	56	58	60	63	63	46	63
27	63	62	62	60	59	58	57	55	54	53	52	51	50	49	48	49	50	53	57	59	62	63	65	65	48	65
28	65	65	64	62	61	59	58	56	55	53	52	51	50	49	48	50	52	54	56	59	62	63	65	65	48	66
29	64	63	62	61	60	58	57	55	54	53	52	51	50	49	48	49	51	53	56	59	62	63	65	65	48	65
30	65	64	63	61	60	59	58	56	55	53	52	51	50	49	48	49	50	53	56	58	61	63	65	65	48	65
31	65	64	63	61	60	58	57	55	54	53	52	50	49	48	48	50	52	53	54	57	60	61	62	62	48	65

MEAN MINIMUM TEMPERATURE IS 42.4 STANDARD DEVIATION IS 7.88
MEAN MAXIMUM TEMPERATURE IS 56.3 STANDARD DEVIATION IS 9.28

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 2.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	62	61	60	59	58	57	56	55	54	53	53	51	50	50	50	51	52	54	56	58	61	63	65	65	50	65
2	66	65	64	63	62	60	59	57	56	55	54	52	51	50	50	51	52	54	56	58	60	62	64	63	50	66
3	63	61	60	59	58	56	55	53	52	50	49	47	46	45	44	45	47	49	52	54	57	58	60	60	44	63
4	63	61	60	59	58	56	55	53	51	50	49	47	46	45	44	45	46	48	51	53	56	57	59	59	44	60
5	60	59	58	57	56	54	53	51	50	49	48	47	46	45	44	45	46	48	51	53	56	57	59	59	44	60
6	60	59	58	57	56	55	54	53	52	51	50	48	47	46	45	46	48	51	53	56	57	59	61	63	47	63
7	64	63	62	61	60	59	58	56	55	54	53	51	50	49	48	49	50	52	54	57	59	62	63	65	49	65
8	65	64	63	61	60	59	58	56	55	54	53	52	50	49	48	49	50	52	54	57	59	62	63	65	47	65
9	65	64	63	61	60	59	58	56	55	54	53	52	50	49	48	49	50	52	54	57	59	62	63	65	47	65
10	67	66	65	63	62	60	58	57	56	54	53	52	50	49	48	49	50	52	54	57	59	62	64	66	49	67
11	67	66	65	64	63	62	60	59	58	57	55	54	54	54	54	54	56	58	60	63	65	68	69	71	54	71
12	72	71	71	70	69	67	66	65	64	62	61	59	58	58	58	59	61	66	72	74	76	76	76	75	58	76
13	74	72	71	69	68	66	64	63	62	60	58	57	57	58	60	64	68	69	71	73	75	75	75	74	57	75
14	73	72	71	69	68	66	64	63	62	60	58	57	57	58	60	64	68	69	71	73	75	75	74	74	58	74
15	72	71	70	69	68	67	66	65	64	63	62	61	61	61	61	62	65	67	70	72	74	74	74	74	61	72
16	64	63	63	61	60	59	58	57	56	55	54	53	52	52	53	54	56	57	58	58	58	58	58	57	52	64
17	57	56	56	55	54	53	53	52	51	50	49	48	48	48	49	50	53	56	58	60	62	64	64	64	48	64
18	62	61	60	59	58	57	56	55	54	53	52	51	50	52	55	57	60	62	64	65	67	67	67	67	50	67
19	65	63	62	61	60	59	58	56	55	54	53	53	53	53	54	55	57	57	58	58	58	58	58	57	53	65
20	56	55	54	53	53	52	51	50	49	48	47	46	46	47	48	50	52	53	55	56	58	58	58	57	46	58
21	56	55	55	54	54	53	52	51	50	49	48	48	48	49	50	53	56	58	60	62	64	64	64	63	49	64
22	63	62	61	60	59	58	57	56	55	54	53	52	52	53	54	57	60	62	65	65	66	65	65	64	52	66
23	63	62	61	60	59	58	57	56	55	54	53	52	52	53	54	57	60	62	65	65	66	65	65	64	52	66
24	62	61	60	59	58	57	56	54	53	52	51	50	50	52	54	56	59	61	62	63	64	64	64	63	54	64
25	66	65	64	62	61	59	58	56	55	53	52	51	51	52	53	55	57	58	60	60	61	60	60	59	51	66
26	59	58	57	55	54	52	51	49	48	46	45	44	44	45	47	49	52	54	56	57	58	58	58	57	44	59
27	56	54	53	51	50	48	46	44	43	41	40	40	40	41	43	45	47	48	50	51	52	52	52	51	40	56
28	51	50	50	49	48	47	46	45	45	44	44	43	43	44	45	47	49	50	52	52	53	53	53	52	43	52

MEAN MINIMUM TEMPERATURE IS 50.0 STANDARD DEVIATION IS 4.93
MEAN MAXIMUM TEMPERATURE IS 65.3 STANDARD DEVIATION IS 5.30

AEROC ROTGR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSTIFORM TOP

YEAR IS 1971. MONTH IS 3.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27
2	79	78	76	75	73	72	71	70	69	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51
3	75	73	72	70	69	67	65	64	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45
4	74	73	71	69	68	66	64	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44
5	87	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57
6	88	87	85	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
7	88	86	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
8	83	82	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57
9	88	88	87	86	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63
10	89	87	86	85	83	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
11	90	89	88	86	84	82	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
12	89	88	86	85	83	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
13	86	85	83	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59
14	85	83	82	80	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57
15	82	80	79	77	76	74	72	71	69	68	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51
16	81	79	77	75	73	71	70	68	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49
17	91	89	88	86	85	83	82	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62
18	88	86	85	83	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60
19	85	82	81	79	78	76	74	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54
20	86	85	83	82	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59
21	88	86	85	83	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60
22	88	87	86	85	84	83	82	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62
23	92	91	90	88	87	86	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65
24	93	92	90	88	86	85	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64
25	90	88	87	85	83	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60
26	88	86	85	82	81	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59
27	87	85	84	82	80	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58
28	87	85	84	83	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60
29	95	93	92	91	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68
30	102	100	99	97	96	95	93	92	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73
31	104	102	101	99	98	96	94	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74

MEAN MINIMUM TEMPERATURE IS 73.1 STANDARD DEVIATION IS 7.77
MEAN MAXIMUM TEMPERATURE IS 91.8 STANDARD DEVIATION IS 5.19

ASROC MOTOR IN CONTAINER CHANNEL 25
ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 4.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	71	69	67	64	62	60	58	57	56	57	59	62	64	68	71	73	75	77	78	78	78	76	74	73	56	78
2	71	69	67	65	62	60	58	57	56	56	59	63	66	70	73	76	79	81	82	81	80	79	78	77	56	92
3	74	73	72	70	69	67	65	63	63	65	68	70	73	77	79	81	82	84	84	83	82	80	78	74	63	94
4	77	75	73	72	70	68	67	65	65	66	69	71	75	77	81	83	85	87	88	87	86	85	82	81	65	96
5	79	77	74	73	70	69	67	65	65	66	69	72	75	79	82	84	86	88	88	87	86	84	82	81	65	98
6	80	78	76	74	72	70	68	67	66	68	70	73	77	80	82	83	83	83	82	81	80	79	78	77	66	93
7	76	74	73	71	70	69	67	66	66	68	70	73	76	79	80	80	81	82	82	82	80	79	77	75	66	82
8	74	72	70	69	67	65	62	61	61	62	65	69	71	74	77	80	82	83	84	83	82	80	78	75	61	84
9	77	75	73	71	70	68	66	64	64	65	68	70	73	77	79	82	83	85	85	84	83	82	81	79	64	85
10	76	75	73	72	71	69	67	66	66	67	69	71	74	77	80	82	83	85	86	85	84	82	80	78	70	82
11	76	75	73	72	71	69	67	66	66	67	69	71	74	77	80	82	83	85	86	85	84	82	80	78	66	86
12	79	78	76	74	72	70	69	68	68	69	71	74	77	80	82	85	88	89	89	89	88	86	85	84	68	90
13	83	81	79	77	75	73	71	70	70	70	73	76	79	80	81	81	82	82	82	81	80	79	78	77	70	93
14	76	74	73	71	70	69	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	76
15	65	64	63	62	61	60	59	59	59	61	64	68	71	75	78	82	85	87	88	88	86	85	83	82	59	88
16	80	78	77	75	74	72	70	69	68	68	69	71	74	77	80	83	86	87	88	87	86	85	83	82	69	88
17	80	78	77	75	73	71	70	69	68	68	69	71	74	77	80	83	86	87	88	87	86	85	83	82	63	80
18	61	60	59	57	56	55	54	53	53	55	57	60	63	66	69	71	73	75	76	77	76	75	74	73	53	70
19	63	62	61	60	59	58	57	56	56	57	60	63	66	69	71	73	75	76	77	76	75	74	73	72	56	77
20	70	69	68	66	64	63	61	60	60	60	61	62	64	66	67	68	69	69	69	68	67	66	65	64	60	70
21	63	62	61	60	59	58	57	56	56	57	59	60	61	62	63	65	66	66	67	67	66	65	64	63	56	57
22	61	60	59	57	56	55	54	54	54	55	58	61	65	68	70	73	74	76	77	76	75	74	73	72	53	77
23	70	69	68	66	64	62	61	61	61	62	65	68	70	73	76	78	79	80	80	80	79	78	77	76	61	80
24	73	72	70	70	68	67	66	65	65	65	67	68	70	71	72	72	72	72	71	70	69	68	66	65	65	73
25	63	61	60	59	58	56	55	55	55	56	58	61	64	67	68	70	70	71	71	70	69	68	67	65	55	71
26	63	62	61	60	59	58	56	56	56	57	59	62	65	68	70	72	73	75	76	76	75	74	73	71	56	76
27	70	68	66	64	62	61	59	59	59	61	63	67	71	73	74	74	74	74	74	74	74	74	74	74	59	84
28	77	75	74	72	70	69	67	67	67	68	70	73	77	80	82	83	84	85	85	84	83	82	81	79	67	85
29	78	76	75	73	71	69	68	67	67	69	71	74	78	81	83	87	89	92	92	91	89	87	85	84	67	85
30	83	82	79	78	75	73	72	71	71	72	73	75	78	82	85	87	89	90	92	92	91	89	87	85	71	92

MEAN MINIMUM TEMPERATURE IS 62.4 STANDARD DEVIATION IS 5.42
MEAN MAXIMUM TEMPERATURE IS 81.4 STANDARD DEVIATION IS 6.71

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 5.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	87	85	84	82	80	78	76	75	74	74	76	79	80	84	87	89	91	92	93	93	92	91	89	88	74	93
2	86	85	83	81	79	78	76	74	73	73	73	74	76	78	79	81	82	83	83	83	83	82	80	79	73	86
3	77	76	74	73	71	69	68	66	66	66	67	69	71	72	74	75	77	77	78	78	77	75	74	73	66	78
4	71	70	69	68	67	66	64	63	62	63	65	68	71	73	76	79	82	84	85	85	85	84	82	80	62	85
5	78	77	75	73	71	70	68	67	65	66	67	69	73	75	79	81	83	84	85	84	83	82	81	79	65	85
6	78	77	75	73	72	71	70	69	67	67	66	66	65	65	65	67	67	67	67	66	66	65	64	63	63	78
7	62	61	61	60	59	58	57	56	57	57	58	61	63	66	69	72	72	73	72	73	72	71	71	70	56	73
8	69	68	66	65	63	61	61	59	59	59	61	64	67	70	73	76	79	81	82	82	82	81	80	78	59	82
9	77	75	73	72	70	69	68	66	65	66	68	71	73	77	80	83	86	89	90	90	90	89	88	86	65	90
10	84	82	81	79	78	77	75	74	73	72	74	77	80	84	86	88	90	91	90	90	89	88	87	85	74	89
11	84	80	78	76	74	73	72	71	72	74	77	81	84	86	88	90	91	90	90	90	89	88	87	85	71	91
12	85	83	82	81	80	79	78	77	76	77	79	82	85	88	91	94	95	97	98	99	98	96	94	92	76	99
13	83	81	80	84	82	81	79	78	77	78	79	82	85	87	90	93	95	98	99	99	98	96	94	92	80	94
14	88	87	85	84	82	81	79	78	77	78	79	82	85	87	90	93	95	98	99	100	100	99	97	96	77	100
15	94	92	90	88	86	85	83	82	81	81	82	85	87	90	93	96	98	100	101	102	101	101	99	97	81	102
16	95	94	92	91	90	88	87	86	85	85	85	87	90	92	95	97	98	98	98	99	98	96	95	93	85	99
17	91	89	87	85	83	81	79	78	77	77	78	79	81	83	85	86	87	88	88	89	90	89	87	85	77	91
18	84	82	80	78	76	74	73	72	70	70	71	73	77	78	81	84	86	87	89	90	91	90	88	87	70	91
19	85	84	82	80	78	76	74	73	72	72	73	76	79	82	85	88	89	91	92	93	94	93	92	90	72	94
20	89	87	86	84	82	81	79	78	77	77	78	80	83	86	88	90	92	92	93	93	92	91	90	88	77	93
21	97	95	94	92	91	89	88	86	85	85	86	89	91	93	96	98	99	99	99	99	98	97	96	95	87	97
22	72	70	69	68	66	65	63	62	62	63	64	67	70	73	76	78	82	84	85	87	87	87	86	85	62	87
23	84	83	81	80	78	77	75	73	73	73	74	78	81	84	86	88	90	91	93	95	96	96	95	93	73	96
24	92	90	88	86	84	82	81	79	78	78	80	82	84	86	88	90	93	95	97	99	100	100	99	98	78	100
25	95	94	92	90	88	87	85	83	82	82	83	84	85	87	88	90	90	91	91	91	90	88	87	85	82	101
26	96	94	92	90	88	87	85	84	82	82	83	84	85	87	88	90	90	91	91	91	90	88	87	85	82	96
27	83	81	79	77	75	73	72	70	69	68	68	69	70	72	73	74	74	75	75	76	75	74	73	72	68	83
28	70	69	68	66	65	63	62	61	61	60	61	62	67	70	73	75	77	78	78	79	80	79	78	77	60	80
29	76	74	73	72	70	69	68	66	65	66	67	70	73	75	78	81	82	84	85	85	85	84	82	81	65	85
30	80	78	77	75	73	72	70	69	68	68	69	71	73	77	80	82	84	85	85	85	85	84	82	81	68	85
31	80	78	77	76	74	73	72	70	70	70	70	70	70	71	72	74	75	76	76	77	76	75	73	70	70	80

MEAN MINIMUM TEMPERATURE IS 71.1 STANDARD DEVIATION IS 7.53
MEAN MAXIMUM TEMPERATURE IS 89.5 STANDARD DEVIATION IS 7.68

NWC TP 5039
Part 2

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 6.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	72	71	70	69	67	65	64	62	61	61	63	66	70	72	76	78	81	83	84	85	85	85	84	82	82	61	85
2	81	79	78	76	75	73	72	70	69	69	70	73	74	77	77	78	80	82	83	85	85	84	83	81	81	69	85
3	80	78	77	75	73	71	70	68	67	67	69	71	73	77	80	83	86	88	89	90	90	89	88	87	87	67	90
4	85	84	82	81	79	77	76	74	73	73	74	76	79	82	84	87	89	91	92	93	93	92	91	90	90	73	93
5	88	87	85	84	82	81	79	78	77	78	81	83	86	88	91	93	95	97	98	99	99	99	98	96	96	77	99
6	95	93	91	89	87	85	84	82	81	81	82	84	86	88	91	93	96	98	100	101	102	101	100	98	81	102	
7	97	95	93	92	89	87	85	84	82	82	84	86	88	92	95	97	99	101	103	104	105	104	102	101	82	104	
8	99	98	96	94	92	91	89	87	86	85	87	89	92	94	98	100	102	103	104	105	104	103	102	100	85	105	
9	98	97	95	93	91	89	87	86	84	84	84	85	88	90	92	95	97	99	100	100	100	99	97	95	84	100	
10	93	92	89	87	85	83	82	80	78	78	79	82	84	86	88	90	92	93	94	94	94	93	92	90	78	94	
11	88	87	85	84	82	80	78	77	76	76	77	80	82	85	88	91	94	96	98	100	101	100	99	98	76	101	
12	97	95	94	92	90	88	87	85	84	84	85	88	90	92	95	98	100	102	103	104	104	103	102	101	84	104	
13	99	98	96	95	93	92	90	88	87	85	84	88	90	92	95	98	100	102	103	104	106	106	105	104	102	88	106
14	100	98	96	94	92	90	88	87	85	85	87	89	92	95	97	100	102	105	107	108	109	109	108	106	85	109	
15	104	103	101	99	97	95	92	91	89	90	91	94	96	99	102	106	108	111	113	113	114	113	112	110	89	114	
16	108	106	104	101	100	98	95	94	92	92	93	95	98	101	104	106	109	111	112	113	113	112	111	109	92	113	
17	107	104	102	101	98	96	95	93	92	92	92	94	98	101	103	106	107	109	110	110	110	109	107	105	92	110	
18	104	101	99	98	95	94	92	91	89	89	90	93	95	99	101	104	107	108	109	110	109	108	107	105	89	110	
19	104	102	100	98	97	95	93	92	91	91	92	94	98	101	104	106	108	110	110	110	110	109	107	105	91	110	
20	103	101	99	97	95	93	91	89	88	88	89	92	95	97	100	103	105	108	110	111	112	111	110	109	88	112	
21	107	105	103	101	98	97	95	93	92	92	93	95	97	101	104	105	108	110	110	111	111	110	109	107	92	111	
22	106	104	102	100	98	96	94	92	91	91	92	95	98	101	104	106	108	110	112	113	113	112	110	109	91	113	
23	107	105	103	101	99	97	95	94	92	92	93	95	97	100	103	106	108	109	110	110	110	108	107	92	110	107	
24	105	103	101	100	98	95	94	92	91	90	91	93	96	98	101	103	106	108	109	110	107	107	105	104	90	107	
25	102	101	99	98	97	95	94	92	91	90	91	93	96	98	100	102	103	104	105	105	105	104	103	102	92	105	
26	101	99	98	96	95	93	92	91	89	89	90	92	94	95	97	98	100	101	101	101	101	100	99	98	89	101	
27	96	95	94	92	91	90	88	87	86	86	87	88	89	91	93	94	95	96	96	96	96	95	95	93	86	96	
28	92	90	89	88	86	85	84	83	82	82	84	85	86	88	91	93	95	97	98	98	98	97	95	94	82	98	
29	92	91	89	88	86	84	82	81	80	80	81	83	85	88	91	93	95	98	100	101	102	102	101	100	80	102	
30	99	97	95	93	91	89	87	86	84	84	85	87	91	93	97	99	101	104	105	107	107	107	106	104	84	107	

MEAN MINIMUM TEMPERATURE IS 83.6 STANDARD DEVIATION IS 8.11

MEAN MAXIMUM TEMPERATURE IS 103.2 STANDARD DEVIATION IS 8.00

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 7.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS

DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	103	101	99	97	95	93	91	90	88	88	89	92	95	97	101	103	105	107	108	109	110	109	107	106	88	110
2	104	102	101	98	96	95	92	91	89	89	90	92	94	96	99	101	103	105	106	106	106	105	104	103	89	106
3	101	99	98	96	95	93	91	89	88	88	88	90	92	94	97	100	102	104	106	107	107	107	105	104	89	107
4	102	101	99	97	95	93	92	90	88	88	89	91	93	96	99	102	104	106	107	107	107	107	106	104	89	108
5	103	101	99	98	96	94	92	91	89	89	89	92	94	97	100	102	104	106	108	108	108	108	107	105	89	108
6	103	101	100	98	96	95	93	92	90	90	91	92	95	97	99	102	104	106	108	109	109	108	107	105	90	109
7	104	102	101	99	97	95	93	92	90	90	90	92	93	97	100	102	104	106	107	108	108	107	106	104	90	108
8	103	101	99	98	96	94	92	91	89	89	89	90	91	95	97	100	102	105	107	107	108	108	107	106	89	108
9	103	101	99	97	95	93	91	89	88	88	89	92	94	96	99	103	105	107	109	110	110	109	107	106	88	110
10	104	102	100	98	97	95	94	92	91	91	92	93	96	98	101	104	106	107	108	109	108	107	106	104	91	109
11	102	100	98	96	94	92	90	88	87	87	88	91	94	96	98	102	104	106	108	109	110	109	108	107	87	110
12	105	104	101	100	98	96	94	92	92	91	92	95	98	101	103	105	107	108	110	110	111	110	109	108	91	111
13	107	105	103	101	99	98	96	95	93	93	95	97	100	103	106	109	111	113	114	115	115	115	113	112	93	115
14	110	108	106	104	103	101	99	97	96	96	97	99	103	106	109	112	115	117	118	118	118	117	116	114	96	118
15	111	109	107	105	104	102	101	99	98	96	96	96	98	101	104	107	108	108	108	109	109	108	107	106	94	111
16	105	103	102	101	99	98	96	95	93	93	95	97	100	103	106	108	110	113	114	115	115	115	113	112	53	115
17	110	108	106	104	103	101	100	98	96	95	95	95	95	95	95	95	95	95	96	97	97	97	96	95	110	110
18	95	93	92	91	90	89	88	87	86	87	88	92	95	98	101	104	107	108	110	112	113	113	112	110	86	112
19	107	105	104	102	101	99	97	96	95	94	95	95	97	101	104	107	108	110	112	113	113	113	112	110	94	113
20	109	107	105	104	102	100	98	97	96	95	97	99	102	105	108	110	114	116	117	117	117	116	115	114	96	117
21	112	110	109	107	106	104	103	101	100	100	100	100	101	102	103	104	107	110	111	111	110	109	107	106	100	112
22	104	103	101	100	98	97	95	94	93	93	94	96	98	102	105	108	112	114	115	116	116	115	113	112	93	116
23	110	108	106	105	103	102	100	98	97	98	98	97	98	100	102	105	107	111	113	116	117	118	117	116	97	118
24	112	110	107	105	104	101	99	98	96	96	97	98	101	104	107	109	111	113	114	114	114	113	112	111	96	114
25	109	107	105	103	101	99	98	96	95	94	95	97	98	100	103	105	108	110	112	113	113	113	112	110	94	113
26	109	107	105	103	101	99	97	95	94	95	95	96	98	100	103	105	109	111	114	116	116	117	116	115	94	117
27	110	108	106	104	102	100	98	96	95	95	96	98	100	103	104	109	112	114	116	118	118	118	116	115	95	118
28	113	110	108	106	104	102	100	98	96	97	98	100	102	104	108	111	113	116	118	118	118	118	117	115	96	118
29	113	110	108	107	105	103	101	100	98	98	99	102	104	107	109	111	113	116	118	119	120	120	118	117	98	120
30	115	113	110	108	106	104	102	100	99	98	100	101	103	105	108	112	114	116	117	117	117	116	115	113	98	117
31	111	109	107	105	104	102	100	98	97	97	98	101	103	105	107	110	113	115	116	118	118	117	116	115	97	118

MEAN MINIMUM TEMPERATURE IS 92.7 STANDARD DEVIATION IS 3.85
MEAN MAXIMUM TEMPERATURE IS 112.8 STANDARD DEVIATION IS 4.09

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 8.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	113	110	109	107	105	103	101	99	98	96	99	101	105	107	111	113	117	118	118	118	117	116	114	98	118	
2	113	111	110	108	107	105	104	102	101	101	101	104	107	108	111	114	116	118	118	118	116	115	113	101	118	
3	111	110	107	106	104	102	100	98	97	97	98	100	102	105	108	110	112	113	114	115	114	113	111	97	115	
4	109	107	106	104	103	101	100	98	97	96	97	98	101	104	107	110	111	112	113	112	111	110	109	96	113	
5	107	106	104	103	101	100	99	98	97	96	97	99	101	103	106	108	110	113	115	115	114	113	111	96	115	
6	109	107	106	104	103	101	100	98	97	96	98	102	104	107	109	111	113	114	115	115	114	113	111	96	115	
7	109	107	106	104	103	101	99	98	96	96	96	98	100	104	106	108	111	112	113	113	111	110	96	113		
8	108	106	104	102	101	98	97	95	94	93	94	97	100	102	105	107	110	112	114	116	115	114	112	93	116	
9	110	109	107	106	104	102	101	99	98	97	98	100	103	105	107	111	113	115	117	118	116	114	112	97	118	
10	110	108	106	104	102	100	98	97	96	94	98	102	105	107	109	112	114	116	117	117	116	115	113	96	117	
11	111	110	108	106	104	103	101	99	98	97	97	99	101	104	105	109	111	113	114	116	116	115	113	97	116	
12	110	109	107	105	103	101	100	98	97	96	97	99	101	103	106	109	111	113	115	116	116	115	114	112	96	116
13	110	109	107	106	104	103	101	99	98	98	98	100	101	104	105	108	110	112	113	113	113	111	110	98	113	
14	108	106	104	103	101	99	97	96	95	93	94	95	97	100	103	105	108	110	111	111	110	108	107	93	111	
15	105	103	101	99	98	96	95	94	93	92	94	95	98	101	104	106	108	110	111	112	112	110	109	92	112	
16	106	104	103	101	99	98	96	95	93	93	94	95	98	100	104	106	108	110	112	113	113	112	111	109	93	113
17	107	106	104	102	101	99	98	96	95	95	95	97	100	103	105	108	110	112	113	113	113	112	110	109	95	113
18	107	105	104	102	100	98	96	95	94	93	94	95	98	100	102	105	107	108	110	111	111	110	109	107	93	111
19	106	104	102	101	99	97	95	94	93	92	92	93	95	98	101	102	105	107	109	111	111	110	108	108	92	111
20	107	105	103	101	100	98	96	94	93	92	93	95	98	101	102	104	106	107	108	108	107	106	104	92	108	
21	103	101	99	97	95	93	92	89	88	88	89	92	94	97	99	102	104	106	107	108	108	107	106	104	88	106
22	100	98	97	95	93	92	89	88	87	86	86	88	90	92	95	98	101	102	104	105	106	105	104	102	86	106
23	101	99	97	95	93	91	89	88	86	86	86	88	91	94	95	98	100	101	101	101	100	99	98	86	101	
24	96	95	94	93	92	90	89	88	88	88	88	90	92	93	93	93	95	95	95	95	95	94	93	88	96	
25	92	91	90	89	88	87	85	85	84	83	85	87	90	94	97	100	102	104	105	106	107	106	105	104	83	107
26	102	101	99	98	96	95	93	92	90	90	90	92	95	98	101	104	106	108	109	110	110	108	107	90	110	
27	105	103	101	100	98	96	94	92	91	91	92	93	95	98	101	104	106	108	110	111	111	110	108	91	111	
28	107	105	103	101	100	98	96	94	93	92	93	94	96	97	98	100	102	104	106	107	107	106	105	104	92	107
29	103	101	100	98	97	95	94	92	91	91	92	93	95	98	101	104	105	107	108	108	108	107	107	105	91	108
30	104	102	101	99	98	95	94	92	90	90	90	92	95	96	98	99	101	102	103	103	102	100	99	90	104	
31	97	95	93	92	90	88	87	85	84	83	83	85	87	89	92	94	97	99	101	101	101	99	98	83	101	

MEAN MINIMUM TEMPERATURE IS 92.7 STANDARD DEVIATION IS 4.46
MEAN MAXIMUM TEMPERATURE IS 110.9 STANDARD DEVIATION IS 5.48

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 9.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX	
1	96	95	93	91	89	88	86	84	83	82	82	85	88	92	94	97	99	101	102	102	102	101	100	98	82	102	
2	97	95	93	92	90	88	86	84	83	83	84	85	89	91	94	95	97	98	99	100	99	98	97	96	83	100	
3	95	93	92	91	89	88	86	84	83	83	85	87	89	92	94	97	98	100	102	102	102	101	99	98	83	102	
4	95	94	92	90	88	86	85	83	82	82	83	85	88	90	93	96	98	100	101	102	102	101	100	98	82	102	
5	97	95	93	92	90	88	87	85	84	84	87	90	93	95	98	100	101	103	103	103	102	101	100	84	103		
6	98	97	96	94	93	91	89	88	87	86	88	91	92	92	91	89	88	88	87	86	85	85	84	84	98		
7	83	82	82	80	79	78	77	76	75	76	77	80	83	86	89	92	94	97	99	100	101	100	98	97	75	101	
8	95	94	92	90	88	87	85	84	82	82	84	85	88	92	95	97	100	102	104	104	104	103	101	82	104		
9	100	99	97	96	94	92	91	90	88	88	89	92	95	98	101	104	106	108	110	111	110	110	108	107	88	111	
10	106	104	102	101	99	98	96	95	93	92	94	97	99	101	150	***	***	***	***	***	***	***	150	89	107	89	150
11	105	104	103	101	100	98	97	95	94	95	98	100	150	***	***	***	***	***	***	***	***	***	150	85	85	150	
12	106	104	103	101	100	99	98	96	95	95	96	98	100	103	150	***	***	***	***	***	***	***	150	85	85	150	
13	106	105	104	102	100	99	98	97	96	95	95	96	98	101	103	106	107	110	112	113	115	118	114	115	95	118	
14	111	111	110	107	105	104	102	100	99	98	100	101	105	106	110	112	116	116	118	118	117	116	115	113	98	118	
15	112	110	109	108	107	105	104	102	101	100	101	102	104	105	110	113	115	117	118	119	118	116	113	100	119		
16	112	112	110	108	107	105	104	103	103	98	99	100	103	106	111	110	111	112	113	113	113	111	110	110	98	113	
17	109	108	107	105	103	101	100	98	97	96	96	97	98	100	101	102	103	104	104	104	103	102	101	98	96	109	
18	96	94	92	89	87	85	83	82	80	79	80	81	82	84	85	87	88	89	90	91	90	89	88	86	79	96	
19	85	83	81	79	78	76	73	72	70	70	73	75	78	82	84	86	88	90	92	92	91	89	88	70	92		
20	86	85	84	82	80	78	77	75	73	73	73	75	78	81	84	87	89	90	92	92	92	91	90	89	73	92	
21	88	86	85	83	82	80	79	78	76	76	77	78	80	83	86	88	90	92	93	93	93	92	90	88	76	93	
22	87	85	84	82	80	78	77	75	74	73	74	76	79	81	84	86	88	90	91	92	92	91	89	88	73	92	
23	87	85	83	82	80	78	76	74	73	73	73	75	78	81	84	86	88	90	92	94	95	95	94	93	73	95	
24	90	88	86	84	82	80	78	77	75	74	74	77	80	82	85	87	89	90	91	91	91	90	89	88	74	91	
25	86	85	83	82	80	78	77	76	75	74	73	74	76	77	78	80	80	81	81	82	81	80	79	78	73	86	
26	76	75	73	72	71	69	68	66	65	63	63	66	69	71	73	74	75	76	77	77	77	76	75	74	63	77	
27	73	73	72	71	70	68	67	66	65	63	63	66	69	71	73	74	75	76	77	78	78	77	76	75	66	84	
28	79	77	76	74	72	71	69	67	66	65	65	67	70	73	74	77	78	80	81	82	81	80	79	78	65	82	
29	77	76	74	73	72	70	69	67	66	65	65	67	70	73	75	76	78	79	79	79	79	78	77	76	65	79	
30	76	75	74	73	72	71	70	70	70	69	69	70	71	72	73	73	73	73	73	73	73	72	71	70	63	76	

MEAN MINIMUM TEMPERATURE IS 80.6 STANDARD DEVIATION IS 10.84
MEAN MAXIMUM TEMPERATURE IS 102.8 STANDARD DEVIATION IS 19.80

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 10.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	69	67	66	63	61	60	59	57	56	55	56	58	61	65	68	71	73	75	76	77	77	76	74	73	55	77
2	72	70	69	67	65	62	61	60	58	57	58	60	65	68	70	73	75	77	78	80	79	79	78	76	57	80
3	75	73	72	71	69	68	66	63	62	61	62	65	68	70	73	75	78	79	81	82	82	81	79	78	61	82
4	77	76	74	73	72	70	69	68	66	66	66	66	69	72	74	77	79	82	83	85	86	85	85	83	66	86
5	82	81	79	78	76	75	73	72	71	70	71	73	76	78	81	83	85	86	88	89	88	88	87	85	70	89
6	84	82	81	79	78	76	75	73	72	72	72	74	77	80	83	85	87	89	91	92	91	90	89	88	72	92
7	86	85	83	82	80	78	77	75	73	73	73	75	78	81	84	86	88	91	92	93	92	92	90	89	73	93
8	89	88	86	85	83	81	80	78	77	76	76	78	81	84	86	89	91	93	95	95	94	93	92	91	74	94
9	90	89	87	86	84	82	81	79	78	77	77	79	81	84	88	90	92	95	97	98	97	96	95	93	76	95
10	92	90	88	87	85	83	82	80	78	77	78	79	82	84	87	90	93	95	96	97	97	95	94	93	77	97
11	92	90	88	87	85	84	82	81	80	79	79	81	83	86	91	94	96	97	97	97	96	95	93	93	79	97
12	91	90	88	87	85	83	82	80	78	77	78	79	82	85	87	90	92	94	95	95	95	94	93	93	79	95
13	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
14	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
15	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
16	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
17	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
18	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
19	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
20	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
21	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
22	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
23	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
24	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
25	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
26	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
27	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
28	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
29	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
30	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93
31	92	90	89	88	87	86	85	83	82	81	83	84	85	87	88	90	91	92	93	93	92	91	90	89	83	93

MEAN MINIMUM TEMPERATURE IS 61.6 STANDARD DEVIATION IS 11.99
MEAN MAXIMUM TEMPERATURE IS 79.1 STANDARD DEVIATION IS 12.84

ASROC MOTOR IN CONTAINER CHANNEL 25

ONE INCH INTO CRUSIFORM TOP

YEAR IS 1971. MONTH IS 11.

FIRST COLUMN IS DAY OF MONTH AND EACH SUCCEEDING COLUMN IS TEMPERATURE IN DEGREES FAHRENHEIT AT HOUR WHICH IS DESIGNATED AT TOP OF COLUMN. THE LAST TWO COLUMNS GIVE THE MINIMUM AND MAXIMUM TEMPERATURE FOR THE DAY.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MIN	MAX
1	56	55	53	52	51	49	48	46	45	45	49	52	55	57	60	61	63	63	62	61	60	58	57	45	63	
2	56	55	53	51	51	49	47	46	47	48	51	54	56	59	61	63	64	65	64	63	62	61	60	46	65	
3	58	57	56	54	53	51	50	49	48	49	51	54	57	60	62	66	68	70	70	69	68	66	65	48	70	
4	61	60	58	56	55	53	52	51	51	52	56	58	61	64	67	69	70	70	70	68	67	66	65	51	70	
5	64	63	62	61	60	59	58	57	56	56	59	61	64	68	70	72	73	74	73	73	71	70	69	56	74	
6	67	66	64	62	61	60	59	58	57	56	59	61	63	66	68	70	71	72	71	71	70	68	67	56	72	
7	63	62	61	59	57	56	54	53	52	53	54	57	60	62	65	67	70	70	70	70	69	69	68	52	70	
8	67	67	66	64	63	61	60	59	58	58	59	61	64	66	68	70	72	72	71	70	70	68	67	58	72	
9	64	62	61	60	58	57	56	55	54	55	56	58	60	62	65	66	67	67	66	65	64	63	62	54	67	
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17	54	55	55	52	51	50	48	46	46	46	47	49	51	53	56	57	59	60	59	58	57	56	55	46	60	
18	53	51	51	49	48	47	45	45	44	44	44	45	47	48	49	50	50	50	49	49	48	48	44	53		
19	47	47	46	45	44	43	42	42	42	42	44	46	48	50	52	53	55	56	56	55	55	54	53	42	56	
20	51	50	49	49	48	47	46	45	45	45	46	48	50	52	54	56	57	57	56	56	55	54	53	44	57	
21	52	51	51	50	49	48	47	46	45	45	46	47	48	50	51	52	53	53	53	52	52	51	51	45	53	
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27	56	56	55	54	52	51	50	49	48	49	50	52	54	56	57	59	60	61	61	60	60	59	58	47	61	
28	56	55	54	53	51	50	49	48	47	47	48	49	51	52	54	56	56	56	56	56	56	56	56	47	56	
29	56	56	56	55	55	55	54	54	54	55	57	58	61	62	66	68	68	67	66	65	65	62	61	54	68	
30	58	57	56	54	53	51	50	49	48	48	48	49	50	52	54	55	56	56	56	55	54	53	48	58		

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4. DESCRIPTIVE NOTES (Type of report and inclusive dates)			
5. AUTHOR(S) (First name, middle initial, last name) Howard C. Schafer			
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13. ABSTRACT Measurement sites were established at worldwide locations to obtain empirical data that could be used to more accurately predict the thermal environment of dump-stored ordnance. Data obtained from measurement sites in the desert and tropics on solid rocket motors are presented along with an analysis of the data. The data are presented in terms of cumulative probability, maximum-minimum daily temperatures, and in a few cases as diurnal cycles. Part 1 of the report contains a summary of the results and a discussion of the general philosophy regarding the work. Part 2 is a compilation of some of the NWC data runs, exact evidence from which Part 1 is drawn, and will be of interest to only the serious investigator. This effort is not the final word on the NWC investigation, only a sample of the vast information available from this source.			

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